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U.S. ARMY. SEVENTH ARMY.

F<sub>IELD</sub> O<sub>RDER</sub> NO. 1 (ANVIL)

29 July 1944

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AG 370-C

FO #1 (ANVIL)

Maps: GSGS 2738 FRANCE 1/250,000, Sheets 37, 38, 42, 43.

HEADQUARTERS SEVENTH ARMY  
APO 758

BIGOT ANVIL

~~TOP SECRET~~

Auth: CG 7 Army

Initials: *[Signature]*

Date: 29 July 1944

29 July 1944

17/TS

1. a. Annex #2 (Intelligence)

b. (1) Seventh Army, supported by Western Naval Task Force and XII Tactical Air Command, will assault the South coast of FRANCE, secure a beachhead East of TOULON and then assault and capture TOULON.

(2) The Naval Commander, Western Task Force, will command the entire seaborne expedition from the time of sailing until the ground forces are firmly established ashore; thereafter command of ground operations passes to the Commanding General, Seventh Army.

(3) XII Tactical Air Command will support the operation. Additional air support by NATAF will be available to Commanding General, XII Tactical Air Command, on request.

2. a. Seventh Army will make a daylight seaborne and airborne assault on area shown (Annex #1) to seize and secure a beachhead for the assault and capture of TOULON.

b. "D" day, "H" hour to be announced later.

c. Troops: See Annex #3.

d. Shipping: See Annex #4.

3. See Annex #1 (Operations Overlay).

a. KODAK FORCE (VI US Corps):

Consisting of: ALPHA FORCE (3rd Inf Div reinf)  
DELTA FORCE (45th Inf Div reinf)  
CAMEL FORCE (36th Inf Div reinf)  
Combat Command SUDRE (1st Fr Armd Div reinf)

(1) Make a daylight assault at "H" hour on "D" day on beaches between CAPE CAVALAIRE and AGAY.

(2) Destroy enemy beach defenses, advance rapidly inland and contact RUGBY and ROMEO Forces.

(3) RUGBY Force attached KODAK Force when contact is made.

(4) ROMEO Force attached KODAK Force at "H" hour.

(5) Capture LE MUY on "D" day.

(6) Extend the beachhead rapidly to the Blue Line (Annex #1): THEOULE SUR MER - BAGNOLS EN FORET - TRANS EN PROVENCE - LE CANNET DES MAURES - COLLOBRIERES - CAPE DE LEOUBE. After reorganization, continue advance to the West and Northwest.

(7) Secure airfield sites in the ARGENS Valley (See Operations Instructions No. 1), between PREJUS and LE LUC from ground-observed enemy Artillery fire.

(8) Protect the right flank of the Army.

(9) Be prepared to release Combat Command SUDRE (1st French Armd Div), RUGBY Force, and ROMEO Force to Army control on Army order.

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BY AUTHORITY OF THE SECRETARY OF  
DEFENSE, 1ST LT, AGC  
DATE 10/01/01

(10) After passage of lines by GARBO Force (see para 3 e), continue the advance within zone.

(11) Boundary between KODAK Force and GARBO Force: COLLOBRIERES (to GARBO Force) - CARNOULES (to KODAK Force) - FORCALQUEIRET (to GARBO Force) - TOURVES (to KODAK Force). Road: CARNOULES - ST ANASTASIE - FORCALQUEIRET - BRIGNOLES, all to KODAK Force.

(12) Beach groups will be released from attachment to VI Corps and will be placed in support of VI Corps at "H" Hour.

b. RUGBY FORCE (1st Airborne Task Force):

(1) Land in LE MUY area starting about first light, "D" day.

(2) Prevent movement of enemy forces into the assault area from the direction of LE MUY and LE LUC.

(3) Attached to KODAK Force when contacted by KODAK Force.

(4) Assemble glider pilots in vicinity of Force CP for evacuation from assault area. Notify Seventh Army when pilots are assembled.

c. SITKA FORCE (1st Special Service Force):

(1) Assault the Islands of PORT CROS and LEVANT under cover of darkness the night of D - 1 / D day.

(2) Destroy enemy coastal battery on East end of LEVANT before 0600 "D" day.

(3) Destroy all enemy defenses on the islands prior to "H" hour.

(4) Turn over garrison of the islands to French garrison force on or about D + 2, evacuate prisoners to vicinity of Beach 259, and withdraw to the mainland under Army control.

(5) See Annex #13. (Special Instructions for SITKA and ROMEO Forces.)

d. ROMEO FORCE (French Groupe de Commandos):

(1) Land in the vicinity of CAPE NEGRE under cover of darkness on the night of D - 1 / D day.

(2) Destroy all enemy coastal defenses on CAPE NEGRE.

(3) Block the coastal highway vicinity of CAPE NEGRE.

(4) Seize and hold high ground in vicinity of BISCARRE (3 km North of CAPE NEGRE.)

(5) Attached to KODAK Force at "H" hour.

(6) See Annex #13 (Special Instructions for SITKA and ROMEO Forces.)

e. GARBO FORCE (II French Corps):

(1) Debark rapidly over secure beaches in the ST TROPEZ - CAVALAIRE area upon arrival in the transport area.

(2) Assemble and organize in the area shown (see Annex #1).

(3) Upon Army order, be prepared to pass through elements of the KODAK Force in zone, and attack TOULON.



- (4) Maintain contact with KODAK Force on the right.
- (5) After capture of TOULON, be prepared to continue the advance in zone to the West and Northwest.

f. ARMY RESERVE:

- (1) Following units revert to Army control on Army order:
- (a) RUGBY Force.
  - (b) ROMEO Force.
  - (c) SITKA Force.
  - (d) Combat Command SUDRE (1st Fr Arm Div)

g. I FRENCH CORPS:

- (1) Be prepared to embark when ordered so as to arrive in the target area on the following schedule:

2nd (Fr) Moroccan Inf Div (2 DIM) (reinf) from NAPLES by D + 20.

4th (Fr) Mountain Div (4 DMM) (reinf) from NAPLES by D + 30.

5th (Fr) Armored Div (5 DB) (reinf) from ORAN by D + 40.

h. ARMY TROOPS:

- (1) (Annex #3.) Units will land over ALPHA, DELTA, and CAMEL beaches as indicated in Annex #4.

i. WESTERN NAVAL TASK FORCE:

- (1) Naval Gunfire Support Plan (Annex #12).

j. MEDITERRANEAN ALLIED TACTICAL AIR FORCES:

- (1) D - 1 and D day Bombardment (Annex #5).

x. (1) A demolition party, French Naval Assault Groupe, will land in the vicinity of POINTE DES TRAYAS on the night of D - 1 / D day with the mission of executing demolitions on the CANNES - ST RAPHAEL and CANNES - FREJUS roads. This party will then fall back on Army North flank. Further details will be included in operations instructions.

(2) All commanders will insure that prior to "H" hour, "D" day, all troops receive sufficient information of the operation to enable them to execute their duties effectively. The minimum essential instruction only will be issued prior to 4 hours after last touching shore (See Letter, Hq Seventh Army, 15 July 44, "Security of Operation "ANVIL" (Mounting)").

(3) All watches will be synchronized with ships time prior to debarkation.

(4) All personnel will be cautioned that American and British parachute and glider troops will be operating inland from the beaches. A glider shuttle is scheduled in the area at about 0800 and a subsequent shuttle at 1800 "D" day. All Troop Carrier Aircraft will be painted with BLACK and WHITE stripes on wings and fuselage. Gliders will not be painted with these BLACK and WHITE stripes. (See Operations Instructions #3).

(5) Yellow smoke identifies friendly ground troops to friendly aircraft.

(6) Prior to final embarkation for the target area, CG GARBO Force (II French Corps) will establish necessary liaison with CG KODAK Force (VI US Corps) to effect coordination of the landing, assembly, and organization of GARBO Force and passage of VI Corps lines. (See Operations Instructions #2.)

4. See Adm Order #1.

5. a. Annex #8 (Signal).

b. Succession of command: Ashore: Major General A. M. PATCH  
Major General L. K. TRUSCOTT  
Major General J. E. DAHLQUIST

At Sea: In case the USS CATOCTIN is rendered inoperative, command will be assumed by the Deputy Army Commander, Brig. Gen. A. A. WHITE, aboard the SS HENRICO, until command channels with all headquarters are re-established.

c. Command Posts	<u>Afloat</u>	<u>Ashore</u>	<u>Axis</u>
(1) Seventh Army (Advance CP)	SS HENRICO USS CATOCTIN	ST TROPEZ	ST TROPEZ - TOULON
(2) KODAK Force (Alternate)	USS CATOCTIN BARNETT	ST MAXIME	LE LUC - BRIGNOLES
(3) GARBO Force	BATORY	COGOLIN	LA LONDE - TOULON

PATCH,  
Commanding.

WHITE,  
C/S.

OFFICIAL:

*Guthrie*  
GUTHRIE,  
G-3.

ANNEXES:

- #1 - Operations Overlay
- #2 - Intelligence Plan
- #3 - Troop List
- #4 - Convoy Plan - To be issued separately
- #5 - Air Support Plan - To be issued separately
- #6 - Signal Orders
- #7 - Antiaircraft Plan - Published as Corrected Annex, 25 July, to "ANVIL" Outline Plan, 13 July.
- #8 - Engineer Plan - Published as Annex #11 to "ANVIL" Outline Plan, 13 July.
- #9 - Beach Operations Plan
- #10 - Chemical Plan - To be issued separately.
- #11 - Artillery Plan - To be issued separately.
- #12 - Naval Gunfire Support Plan - To be issued separately.
- #13 - Special Instructions, SITKA and ROMEO Forces - To be issued separately.

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HEADQUARTERS SEVENTH ARMY  
APO #758Copy No 115

28 July 1944

Ref No X 1298ANNEX NO. 2  
To F.O. NO. 1 ANVILINTELLIGENCE ANNEX

Maps : See OPN Map (Annex I) to FO No. 1.

## 1. Summary of the enemy situation.

- a. See G-2 Estimate of the Enemy Situation No. 1, dated 15 July 1944.
- b. See G-2 Information Bulletin No. 1, dated 16 July 1944.
- c. See G-2 Information Bulletin No. 2, dated 30 July 1944.
- d. See collation map of defenses, printed 1 August 1944, this headquarters.

## 2. Essential Elements of Information.

- a. See Annex No. 1, to G-2 Outline Plan for Operation ANVIL, this headquarters, 27 April 1944.

## 3. Reconnaissance and Photographic Missions.

- a. See Annex No. 2, to G-2 Outline Plan, this headquarters, 14 June 1944.
- b. Tactical Reconnaissance.
  - (1) Corps and independent Army units will submit daily requests to A. C. of S., G-2, Army, for Tactical Reconnaissance missions and for observation by fighter aircraft for artillery adjustment missions at 1900 on the day prior to that on which the mission is to be flown. In addition, Corps and independent Army units may request special missions of Army G-2 at any time if the situation so warrants.
  - (2) Tactical Reconnaissance broadcast can be heard at the hour and in the frequency indicated in the Army SOI and Corps SOI.
- c. Photo Reconnaissance.
  - (1) Units may receive broadcasts made by P.R.U. radio on the frequency indicated in the Army SOI.

## 4. Prisoners and Captured Documents.

- a. See Annex No. 4, to G-2 Outline Plan, this headquarters, 15 February 1944.
- b. See Training Memorandum, Prisoners of War, Captured Documents and Materiel, this headquarters, 13 July 1944.

## 5. Maps.

- a. See Annex No. 5, to G-2 Outline Plan, this headquarters, 17 April 1944.

- b. For aerial photos and mosaics, see Annex No. 2 to G-2 Outline Plan, this headquarters, 14 June 1944. Annotated mosaics at 1:10,000 of assault beaches and mosaics of entire area at 1:25,000 will be furnished interested units.

6. Counter Intelligence.

- a. See Annex No. 3 to G-2 Outline Plan, this headquarters, 14 June 1944.  
b. See Amendment No. 1 to Annex No. 3 to G-2 Outline Plan, this headquarters, 19 July 1944.

7. Auxiliary Agencies.

- a. See Annex No. 4 to G-2 Outline Plan, this headquarters, 15 February 1944.

8. Reports.

- a. See Annex No. 1, to G-2 Outline Plan, this headquarters, 27 April 1944.  
b. See Amendment No. 1 to Annex No. 3 to G-2 Outline Plan, this headquarters, 19 July 1944.

By command of MAJOR GENERAL PATCH:

A. A. WHITE,  
Brigadier General, GSC,  
Chief of Staff.

OFFICIAL:

*William W. Quinn*  
WILLIAM W. QUINN,  
Colonel, G. S. C.,  
A. C. of S., G-2.

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 : Auth: CG, 7th ARMY :  
 : Init: ~~DR~~ :  
 : Date: 31 July 1944 :  
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HEADQUARTERS SEVENTH ARMY  
APO 758 US ARMY

31 July 1944

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SUPPLEMENT NO. 1 to Annex No. 2.  
To Field Order No. 1, Anvil.

SUPPLEMENT to INTELLIGENCE ANNEXA. PHOTO INTELLIGENCE.

1. The Photo Reconnaissance Unit in support of Seventh Army will move to the ANVIL area as follows:

a. D Day lift - From NAPLES. Ground echelon and three interpreters with vehicles and supplies for four aircraft (referred to as Advance Flight).

b. D+8 to D+10 - from BORGO, Corsica. The 23rd Photo Reconnaissance Squadron.

c. D+10 from NAPLES. Seventh Army Photo Center.

2. All flying from the date of embarkation of the D-day convoy until the installation of the Advance Flight on ANVIL will be carried out from BORGO. The pilots will be briefed at this airfield. The aircraft after carrying out their mission will land at POMIGLIANO Airport (NAPLES) where the Seventh Army Photo Center will be installed. The processing of photography and interpretation will take place at this location.

3. A radio communications net including Army Headquarters, Corps Headquarters, 23rd Squadron, Borge, Sardinia, and the Photo Center, POMIGLIANO, is available for the exclusive use of Photo Reconnaissance Unit traffic.

4. Requests for Photo Reconnaissance Unit's missions will be made to Photo Reconnaissance Unit Headquarters Seventh Army. Requests for missions will not be made direct to the Photo Center.

5. The task of Photo Reconnaissance Unit during the movement period will be greatly restricted due to the division of the Photo Reconnaissance Unit into 3 widely separated groups. During this period of time communications are expected to be restricted and an automatic program of missions for the period D-5 to D+5 are therefore planned. As soon as satisfactory communications are established, missions may be requested in the normal manner. The program includes:

a. On D-5, D-3, and D-2, weather permitting, 36" focal length cover of beaches and the immediate surrounding country. Changes noted will be broadcast to Headquarters ships through Naval Signal Net.

b. D day to establishment of the Advance Flight. 10 - 20 mile road strips of main communications over which our troops will advance (See overlay attached). The strips will commence approximately 6 miles in advance of the bomblines. The purpose of these missions is to detect demolitions. The results will be broadcast by Photo Center at POMIGLIANO.

- 1 -

c. In event of the situation becoming stabilized, 24" focal length block cover will be flown on Corps Front. When counter-battery are prepared to give areas from sound ranging, flash spotting, Prisoner of War reports, etc., 36" focal length coverage will be made.

6. The plan as outlined in para. 5 above is based on the possibility of a breakdown in the radio communications.

7. A map (scale 1/500,000) with trace showing code names for all roads up to the RHONE River and 44° North will be issued to Corps P.I. Sections, and the Squadron for ease of reference.

#### B. TACTICAL RECONNAISSANCE.

1. Pending the establishment of communication channels as outlined in Annex No. 2 (Intelligence) Tactical Reconnaissance missions will be carried out automatically commencing D day.

2. Following are Routes 1, 2, 3, 4, 2A, and 3A for Tactical Reconnaissance missions commencing "D" Day and continuing until instructed to the contrary. This road net covered is shown on the attached overlay.

"1" Nice - La Californie - Villars - Digne - Volonne - Graison - Mezel - Grasse - Nice.

"2" Cannes - Manosque - Aix - Grande Bastide - Cannes.

"3" Cannes - Toulon - Marseille (Return 15 miles inland).

"4" Imperia - Tenda - Demonte - Barcelonnette - Guillaumes - St. Martin - Monaco.

"2A" Cannes - Manosque - Apt - Salon de Provence - Aix - Cannes.

"3A" Cannes - Toulon - Brignoles - Grande Bastide - Cannes.

3. Twenty-two missions are planned for each day commencing on D-day. The mission number, time of take off, route and call sign are listed below:

<u>MISSION</u>	<u>TAKE OFF</u>	<u>ROUTE</u>	<u>CALL SIGN</u>	<u>REMARKS</u>
1	0530	3	Brutus Red	
2	0615	2	Trustee Red	
3	0630	1	Cameo Red	
4	0730	3	Brutus Blue	
5	0815	2	Brutus Yellow	
6	0845	1	Cameo Blue	
7	0930	2A	Brutus Red	
8	1015	3A	Rebel Red	
9	1045	1	Rebel Blue	
10	1130	2	Trustee Blue	
11	1215	3	Brutus Blue	
12	1245	1	Cameo Yellow	
13	1300	4	Cameo Red	



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BIGOT - ANVIL

<u>MISSION</u>	<u>TAKE OFF</u>	<u>ROUTE</u>	<u>CALL SIGN</u>	<u>REMARKS</u>	<u>E</u>
14	1330	3	Brutus Yellow		
15	1415	1	Brutus Red		
16	1445	2A	Brutus Blue		
17	1530	3A	Trustee Yellow		
18	1615	2	Trustee Red		
19	1645	1	Cameo Blue		
20	1730	2	Trustee Blue		
21	1800	1	Cameo Yellow		
22	1830	3	Brutus Yellow		

4. The allotment of fighter aircraft for artillery adjustment is six missions per day beginning D+1.

5. Armed reconnaissance of roads as shown on the attached Tactical Reconnaissance overlay is planned throughout the hours of darkness. Results of the reconnaissance will be furnished the interested units by most expeditious means.

By command of MAJOR GENERAL PATCH:-

OFFICIAL:

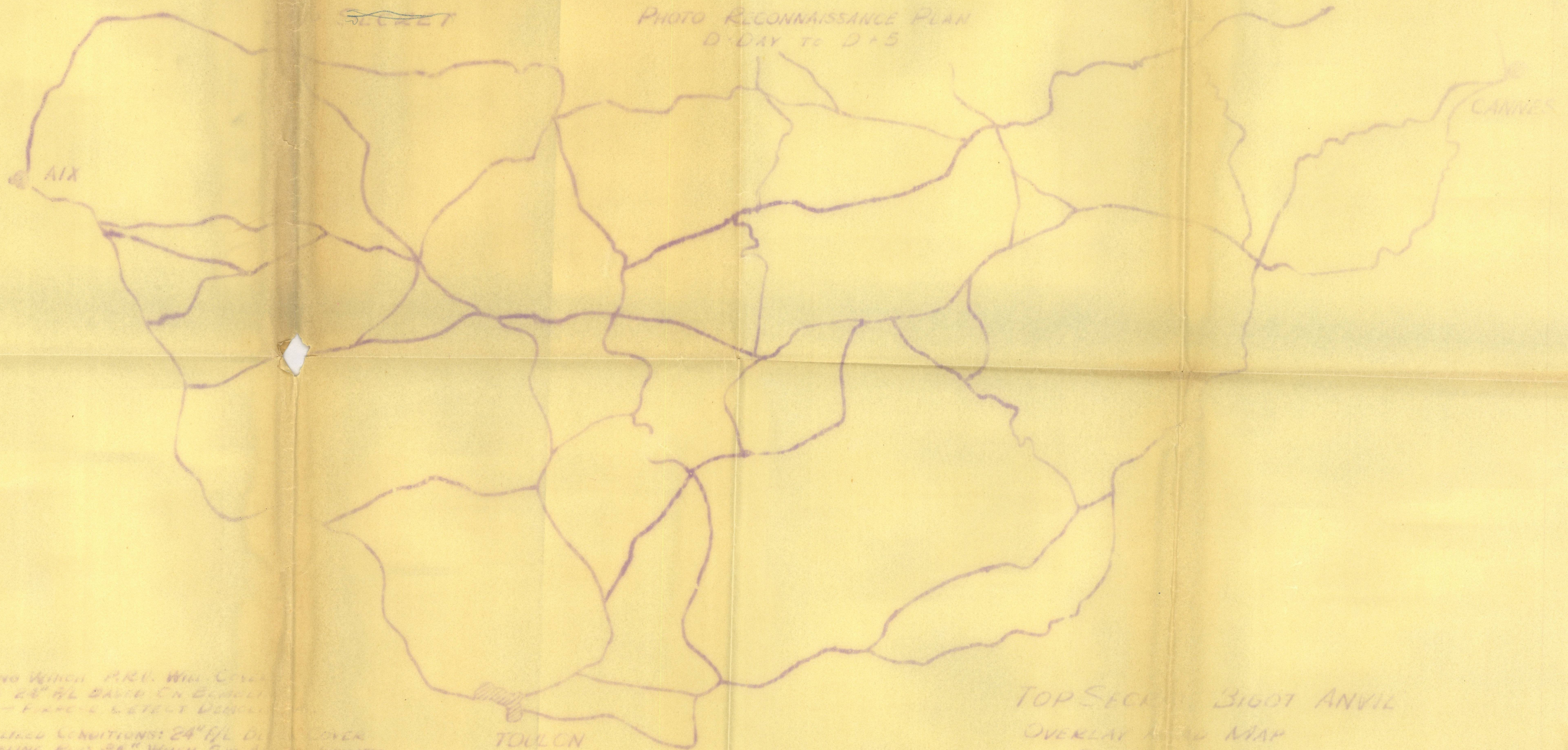
A. A. WHITE  
Brigadier General, GSC.  
Chief of Staff.

*William W. Quinn*  
WILLIAM W. QUINN  
Colonel, G.S.C.  
A.C. of S., G-2.



~~SECRET~~

PHOTO RECONNAISSANCE PLAN  
D-DAY TO D+5



ROAD NET ALONG WITHIN AREA WITH COAST  
20 MILE STRIPS 24" H/L BASED ON COASTLINE  
PLUS 8 MILES - FURTHER DETAIL REQUIRED  
UNDER STABILIZED CONDITIONS: 24" H/L COVER  
BASED ON COASTLINE PLUS 36" WHEN ON AIR INDICATED

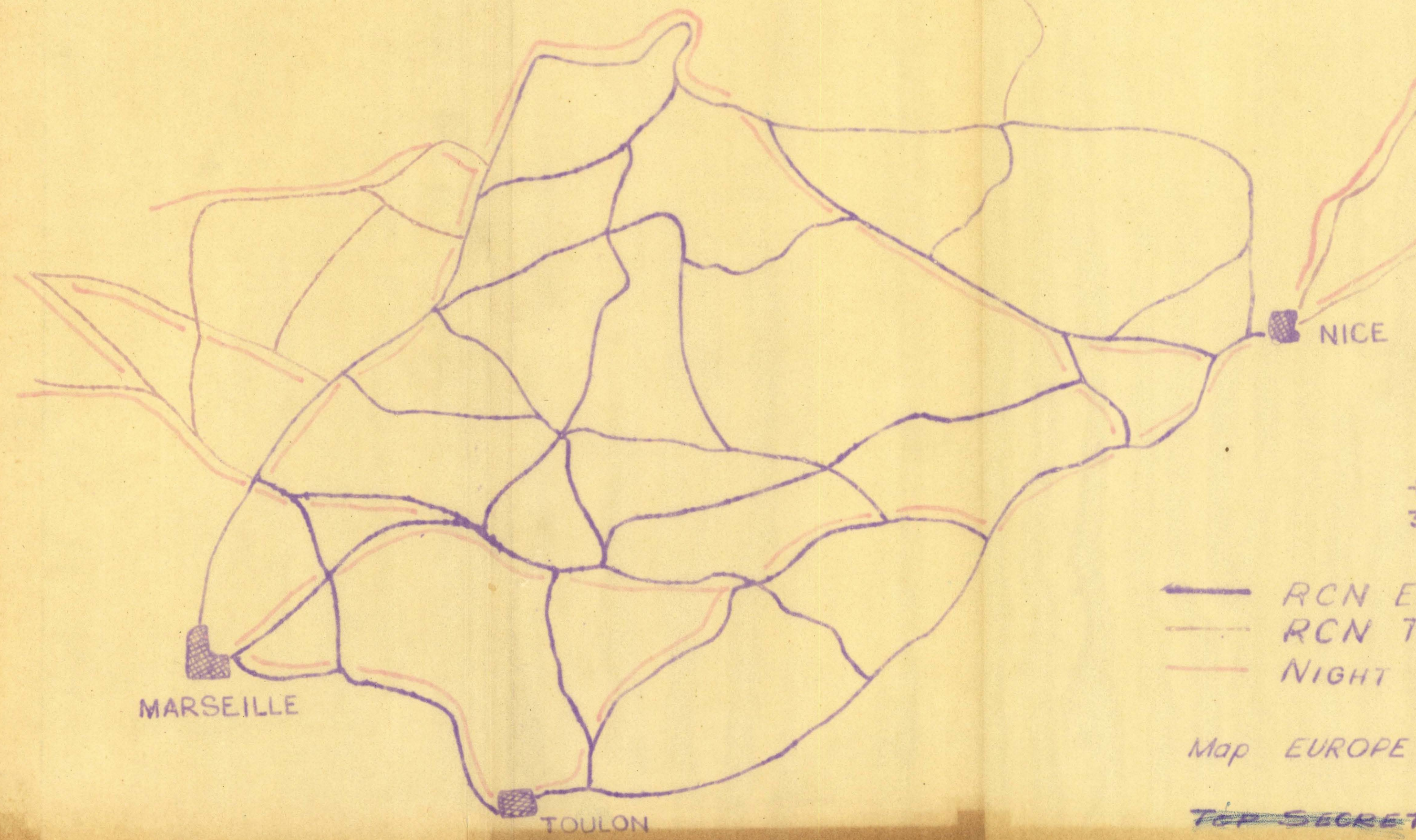
TOP SECRET 31607 ANVIL  
OVERLAY ROAD MAP  
SECTION IN FRANCE  
SCALE 1:200,000



~~TOP SECRET~~

TACTICAL RECONNAISSANCE PLAN  
D-DAY TO D+5

30+5



+ 30  
30

- RCN EVERY 2 HOURS
- RCN TWICE DAILY
- NIGHT RCN (INTRUDER)

Map EUROPE (AIR) 1:500,000

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BIGOT ANVIL

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HEADQUARTERS SEVENTH ARMY  
APO# 758

26 July 1944

ANNEX NO 3

FIELD ORDER NO 1 ANVIL

PART 1

TROOP LIST (US)

VI CORPS

Unit

VI CORPS

Hq & Hq Co, VI Corps

DIVISIONS

3rd Infantry Division

45th Infantry Division

36th Infantry Division

COMBAT COMMAND

Combat Command Sudre lere Division Blindee

Attached:

1ere Cie, 9e Regt Chasseurs d'Afrique

Det, 661/2 Cie De Reparation Engines Blindee

66e Cie de Munitions (-)

Det, 705 Cie de Ravitaillement en Essence

FIELD ARTILLERY

Hq & Hq Btry, VI Corps Arty

Hq & Hq Btry, 6th FA Gp

Hq & Hq Btry, 35th FA Gp

Hq & Hq Btry, 36th FA Gp

2nd FA Obsn Bn

36th FA Bn (155 Gun)

59th FA Bn (105 How SP)

69th FA Bn (105 How SP)

93rd FA Bn (105 How SP)

141st FA Bn (155 How)

634th FA Bn (155 How)

937th FA Bn (155 How)

938th FA Bn (155 How)

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Unit

FIELD ARTILLERY (Cont'd)

976th FA Bn (155 Gun)

977th FA Bn (155 Gun)

ANTI-AIRCRAFT ARTILLERY

Hq & Hq Btry, 35th AAA Brig & 35th MAOR

Hq & Hq Btry, 5th AAA Gp

Hq & Hq Btry, 68th AAA Gp

v Hq & Hq Btry, 105th AAA Gp

106th AAA (AW) Bn (SP)

441st AAA (AW) Bn (SP)

443rd AAA AW Bn (SP)

107th AAA (AW) Bn (Mbl)

433rd AAA (AW) Bn (Mbl)

451st AAA AW Bn (Mbl)

534 AAA (AW) Bn (Mbl)

895th AAA (AW) Bn (Mbl)

68th AAA Gun Bn (Mbl)

72nd AAA Gun Bn (mbl)

108th AAA Gun Bn (Mbl)

216th AAA Gun Bn (Mbl)

102nd AAA Barrage Balloon Btry (VLA)

103rd AAA Barrage Balloon Btry (VLA)

104th AAA Barrage Balloon Btry (VLA)

ARMORED FORCE

191st Tank Bn

753rd Tank Bn

756th Tank Bn

TANK DESTROYER

601st TD Bn

636th TD Bn

645th TD Bn

CAVALRY

117th Cav Rcn Sq

UnitCHEMICAL WARFARE

2nd Cml Bn Mtz (-1 Co)  
3rd Cml Bn Mtz  
83rd Cml Bn Mtz (-1 Co)  
6th Cml Dep Co  
11th Cml Maint Co  
21st Cml Decon Co (-3 plats) (Smoke Troops)

ENGINEER

343rd Engr GS Regt  
344th Engr GS Regt  
Co C, (Bailey Bridge), 378th Engr Bn (Sep)  
Co D, (Tradway Bridge), 378th Engr Bn (Sep)  
1st Plat 424 Engr DT Co.  
Contact Plat, 469th Engr Maint Co  
Survey Plat, 661st Engr Topo Co  
6617th Engr Mine Clearance Co

MILITARY POLICE

206th MP Co

MEDICAL

2nd Aux Surg Gp

- 14 Gen Surg Teams
- 3 Shock Teams
- 1 Gas Team
- 3 Orthopedic Teams
- 2 Neuro Teams
- 2 Thoracic Teams
- 3 Dental Prosthetic Teams
- 2 Maxial Facial Teams

10th Field Hospital

4 6703rd Blood Transfusion Unit (Fwd Disb Sec)

11th Field Hospital

11th Evac Hospital (SH) (400 bed)

93rd Evac Hospital (SH) (400 bed)

95th Evac Hospital (SH) (400 bed)

ORDNANCE

Hq & Hq Det, 43rd Ord Bn (w/atcd Med)

Hq & Hq Det, 44th Ord Bn (w/atcd Med)

Hq & Hq Det, 45th Ord Bn (w/atcd Med)

UnitORDNANCE (Cont'd)

14th Ord M M Co  
45th Ord M M Co  
46th Ord M M Co  
87th Ord H M Co (FL)  
261st Ord M M Co (LA)  
3406th Ord M M Co  
3408th Ord M M Co  
3432nd Ord M M Co  
64th Ord Amm Co  
66th Ord Amm Co  
680th Ord Amm Co  
143rd Ord Bomb Disp Sq  
144th Ord Bomb Disp Sq  
145th Ord Bomb Disp Sq  
146th Ord Bomb Disp Sq

QUARTERMASTER

46th QM GR Co (-1 Plat)  
Plat, 549th QM Laundry Co  
3426th QM Truck Co

SIGNAL

1st Signal Center Team  
57th Signal Bn  
Det A 117th RI Co  
3201 SIS Det  
4 Dets, 163rd Signal Photo CO

NAVIL

3 Naval Combat Intel Teams  
15 Naval Shore Fire Control Parties  
Naval Gunfire Liaison Personnel

The following listed Regimental Beach Groups with units listed, or similar units, will be attached VI Corps for the assault phase of the Operation ANVIL.



Unit3RD INFANTRY DIVISION BEACH GROUP

36th Engr C Regt

1st Naval Beach Bn

72nd Sig Co (Spec)

Det, 207 Sig Dep Co plus Det, 177th Sig Rep Co

Hq & Hq Det, 52nd Med Bn

376th Med Coll Co

377th Med Coll Co

378th Med Coll Co

682nd Med Coll Co

1st Plat & Hq Det, 616th Med Clr Co

Det, Boat Guards

157th MP FW Det

706th MP FW Det

790th MP FW Det

Det, 377th MP Escort Guard Co

Co A, 759th MP Bn

1st Plat, 21st Cml Decon Co (Smoke Troops)

Det, 63rd Cml Dep Co

3rd Plat, 450th Engr Dep Co

69th Ord Amm Co

Det, 77th Ord Dep Co

Det, 977th Ord Dep Co

3407th Ord Med Auto Maint Co (DUKW)

Det, 6690th Regulating Co

Hq & Hq Det, 530th QM Bn

4133rd QM Serv Co

4134th QM Serv Co

4135th QM Serv Co

4136th QM Serv Co

3277th QM Serv Co

3357th QM Truck Co

3634th QM Truck Co

Hq & Hq Det, 52nd QM Bn (Mbl)

3333rd QM Truck Co (DUKW)

3334th QM Truck Co (DUKW)

3335th QM Truck Co (DUKW)

3336th QM Truck Co (DUKW)

Unit

3RD INFANTRY DIVISION BEACH GROUP (Cont'd)

3353rd QM Truck Co (DUKW)  
3355th QM Truck Co (DUKW)

Sec, 3856th QM Gas Sup Co

1 Plat, 93rd QM Rhd Co

332nd Air Force Beach Detail

111th Beach Section, RAF

45TH INFANTRY DIVISION BEACH GROUP

40th Engr Combat Regt

4th Naval Beach Bn

71st Sig Co (Spec)

Det, 207th Sig Dep Co / 177th Sig Rep Co

Hq & Hq Det, 58th Med Bn

388th Med Coll Co  
389th Med Coll Co  
390th Med Coll Co  
514th Med Clearing Co  
2nd Plat, 616th Clearing Co

Co B, 759th MP Bn

1 Sec, 377th PW Esct Guard Co

Det, Boat Guards  
133 Prov PW Det  
175 Prov PW Det  
191 Prov PW Det

3rd Plat, 21st Cml Decon Co (Smoke Troops)

Det, 63rd Cml Depot Co

2nd Plat, 450th Engr Dep Co

682nd Ord Amm Co

Det, 77th Ord Dep Co

Det, 977th Ord Dep Co

3487th Ord M Auto Maint Co (DUKW)

3633rd QM Truck Co

3425th QM Truck Co

Det, 6690th Regulating Co

Hq & Hq Det, 147th QM Bn (Mbl)

829th Amphibian Truck Co  
830th Amphibian Truck Co  
831st Amphibian Truck Co

UNIT

45TH INFANTRY DIVISION BEACH GROUP (Cont'd)

832nd Amphibian Truck Co  
1 Sec, 3894th QM Gas Sup Co  
Hq & Hq Det, 240th QM Bn  
3250th QM Serv Co  
3251st QM Serv Co  
3252nd QM Serv Co  
3253rd QM Serv Co  
4053rd QM Serv Co  
Plat, 94th QM Rhd Co  
Air Force Beach Detail  
110th Beach Section, RAF

36TH INFANTRY DIVISION BEACH GROUP

540th Engr C Regt (/ 48th Engr C Bn)  
8th Naval Beach Bn  
74th Sig Co (Spec)  
Det, 207th Sig Dep Co / 177th Sig Rep Co  
Hq & Hq Det, 56th Med Bn  
885th Med Coll Co  
886th Med Coll Co  
887th Med Coll Co  
891st Med Clearing Co  
1st Plat, 638th Clearing Co  
Co C, 759th MP Bn  
1 Sec, 377th PW Esct Guard Co  
Det, Boat Guards  
192 Prov MP PW Det  
601 Prov MP PW Det  
Prov MP PW Det  
3rd Plat, 21st Cml Decon Co (Smoke Troops)  
Det, 63rd Cml Depot Co  
1st Plat, 450th Engr Dep Co  
603rd Ord Amm Co  
Det, 77th Ord Dep Co  
Det, 977th Ord Dep Co  
3405th Ord M Auto Maint Co (DUKW)  
Det, 6690th Regulating Co  
1 Sec, 3894th QM Gas Sup Co

Unit

36TH INFANTRY DIVISION BEACH GROUP (Cont'd)

2nd Plat, 94th QM Rhd Co

Hq & Hq Det, 53rd QM Bn (Mbl)

3337th QM Truck Co (DUKW)

3338th QM Truck Co (DUKW)

3339th QM Truck Co (DUKW)

3340th QM Truck Co (DUKW)

3354th QM Truck Co (DUKW)

3356th QM Truck Co (DUKW)

Hq & Hq Det, 259th QM Bn

3286th QM Serv Co

3287th QM Serv Co

3288th QM Serv Co

3289th QM Serv Co

3300th QM Serv Co

3299th QM Serv Co

3427th QM Truck Co

3360th QM Truck Co

Air Force Beach Detail

111th Brick Section, RAF

TROOP LIST (US)

ANNEX NO 3

ARMY TROOPS

PART II FIELD ORDER NO 1

Unit

7th Army

Det, Army Hq & Hq Co & Special Troops

Det, Hq Seventh Army (For Beach Control Hq)

Special Forces

1st Airborne Task Force:

Hq & Hq Co, AB Task Force

2nd British Independent Parachute Brigade (Gp)

517th Parachute Infantry

509th Parachute Infantry Battalion

550th Airborne Infantry Battalion

1st Battalion, 551st Parachute Inf (Reinforced)

460th Parachute Field Artillery Battalion

463d Airborne Field Artillery Battalion

602d Glider Field Artillery Battalion

596th Airborne Engineer Company

887th Engineer Company

512th Airborne Signal Company

Anti-Tank Co, 442nd Infantry

552nd Infantry Anti-tank Company

Company "A" 2d Chemical Battalion

Company "D" 83d Chemical Battalion

172d D. I. D. British Hvy Aerial Resupply Co

334th Quartermaster Depot Co, Aerial Resupply (-)

3358th Quartermaster Truck Company

Detachment, 3d Ordnance Company (M.M.)

Special Service Force (-)

French Groupe de Commandos (-)

Engineer

Co D (rem Map Plat) 378th Engr Bn (Sep)

697th Engr Pet Dist Co / Mbl Lab, 701st Engr  
Pet Dist Co

Surv Plat, 649th Engr Topo Bn

Co A, Engr Cam Bn

1202nd Engr Fire Fighting Plat

1204th Engr Fire Fighting Plat

1711th Engr Map Dep Det

Military Police

204th MP Co  
372nd MP Escort Guard  
377th MP Escort Guard Co (-B Secs)  
504th MP Bn (-2 Cos)  
Hq & Hq Det, 759th MP Bn

Medical

1st Adv Sec, 7th Med Depot Co

Quartermaster

94th QM Rhd Co (-2 Plats)  
138th QM Truck Co  
144th QM Truck Co  
Det 202nd QM Car Co (-)  
Hq & Hq Det, 528th QM Bn  
3357th QM Truck Co

Signal

Army Sig Bn  
Det, 163rd Sig Photo Co  
226th Sig Opn Co  
982nd Sig Serv Co

Miscellaneous

Det 72nd Liaison Sqd  
Special Service Staff (Office Strategic Services)  
11th Postal Regulating Unit  
Twenty-eight Port Cos and Seven Bn Hq Dets.

ANNEX NO 3

PART III FIELD ORDER NO 1

TROOP LIST(French)ARMEE "B"

E-M Armees "B" et Cie QG 162/27 (-)

2e CORPS D'ARMEE

QG CA et Cie QG CA 75

DIVISIONS

1re Division de Marche d'Infanterie

3eme Division d'Infanterie Algerienne

1st Div Blindée (-2 CC)

2e Regt Spahis Algerienne (Rcn Btn)

FIELD ARTILLERY

E-M du Groupement d'Artillerie No 1

1er Grpe du Regt d'Art Col du Levant

Det, 1st FA Obsn Bn (US)

3e Grpe du 65e Regt d'Art

ANTI-AIRCRAFT ARTILLERY

Det, Hq &amp; Hq Btry, 34th AAA Brig (US)

Det, Hq &amp; Hq Btry, 80th AAA Gp (US)

62nd AAA Gun Bn (US)

893rd AAA (AW) Bn (SM)

TANK DESTROYER

7e Regt Chasseurs d'Afrique

8e Regt Chasseurs d'Afrique

ENGINEER

Cie Topographique du Genie No 31

101e Regt du Genie

MILITARY POLICE

521e R egulatrice Routiere

2e Cie du 11 Group de 1e Garde

MEDICAL

401e Hopital d'Evacuation

405e Hopital d'Evacuation

432e Bataillon Medical



MEDICAL, cont'd

422e Hopital d Campagne

Organe de Reanimation et de Transfusion No 441/3

451/1 Depot Avance

ORDNANCE

E-M du 65le Bon de Reparation

Cie Moyene de Reparation Auto No 651/3

Cie Moyene de Reparation Auto No 652/3

Cie Moyenne de Reparation Material 652/1

64e Cie de Munitions

65e Cie de Munitions

QUARTERMASTER

1er Bon du 8 Regiment de Tirgilleur Senegalais, Pioniers

Gestion de Subsistance d'Etapes No 323

Gestion de Subsistance d'Etapes No 325

Cie Mixte de Ravitaillement en Essence No 704 (2 dets)

SIGNAL

6le Bon de Transmission de CA

3 Dets, 163rd Sig Photo Co (US)

806 Bataillon de Construction

Det, Parc de Transmission No 810 & Det Cie Technique  
de Transmission No 841

6693rd Sig Det (Prov) (US)

Det, Trans Armee "B" (Cie d' Exploit 827/1)  
(Son Ecoutes 828)  
(Grp Tele Mil 829 )

TRANSPORTATION

1le Cie du Grp de Transport No 501

The following units will be available to Army "B" on subsequent  
convoys:

9e Division d'Infanterie Coloniale

2 Groupes de Tabors

Supporting Units.

By Command of Major General PATCH:

A. A. WHITE,  
Brig. General, G.S.C.,  
Chief of Staff.

OFFICIAL:

*John S. Guthrie*  
JOHN S. GUTHRIE,  
Colonel, G.S.C.,  
A.C. of S., G-3

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HEADQUARTERS SEVENTH ARMY  
A.P.O. #758 U.S. ARMY

Copy No. 115

Ref. No. X-1334

30 July 1944

ANNEX NO. 4  
TO F.O. NO. 1 ANVIL

CONVOY PLAN

1. Attached is Convoy Plan listing all convoys scheduled to date.
2. Pages 1 thru 5 contain Fast Speed convoys. Pages 6 thru 8 contain Medium Speed convoys. Pages 9 thru 19 contain Slow Speed convoys.

By Command of Major General PATCH:

ARTHUR A. WHITE,  
Brig. Gen., U.S.A.,  
Chief of Staff.

OFFICIAL:

*Oliver C. Harvey*

OLIVER C. HARVEY,  
Colonel, G. S. C.,  
A. C. of S., G-4.

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CONVOY PROGRAMME

HQ 7TH ARMY - 30 July 1944

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PARL	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
1	SY-1	NAPLES	D + 4	SITKA Dest.	D - 1	5 LPD PRINCE HENRY (523) PRINCE DAVID (525)		Special Service Force
2				Cape Negre	D - 1	PRINCESS BEATRIX (526) PRINCE ALBERT (522) PRINCE BAUDOUIN (524)		Commandos
3	SF-1B	NAPLES	D - 3	ALPHA	D Day	Trans Div #1 HENRICO (APA 45) CHASE (APA 26) ARUNDEL (XLP 76) THURSTON (XLP 77) OBERON (AKL 14) ANDROMEDA (AKL 15)	M/T only on APAs and AKLs	HENRICO: Flagship & HQ Ship Sev- enth Army. To discharge over Beach 261. Space for 900 3rd Div personnel reserved. DERBYSHIRE: Space for 900 person- nel reserved for Army to dis- charge on Beach 261. DUNERA: Army Troops. 50 port personnel on APAs 25 port personnel on AKLs
4						DERBYSHIRE (504) DUNERA (506)		

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
5	SF-1	NAPLES	D - 3	CAMEL	D Day	Trans Div #3 CARROLL (APA 28) JEFFERSON (APA 30) DORRHEA L. DIX (XAP 67) NIGHTINGALE (XAP 70) CEPHEUS (AKA 18) ACHERNAR (AKA 53) BETELGEUSE (AKA 11)	M/T only on APA and AKA	BETELGEUSE: Reserved for VI Corps Hq. 50 port personnel on APA or XAP 25 port personnel on AKAs
6						KAREN (511) GENERAL SQUIER (516)		
7	SF-1A	NAPLES	D - 3	DELTA	D Day	Trans Div #5 STANTON (XAP 69) BARNETT (APA 5) DICKMAN (APA 13) LYON (XAP 71) ARCTURUS (AKA 1) PROCYON (AKA 2)	M/T only on APA and AKA	50 port personnel on APA or XAP 25 port personnel on AKA
8						ASCONIA (501) DILLWALL (505)		45 Div Loading
						MARINE ROBIN (512) SANTA ROSA (514)		Corps loading 1000 spaces reserved for Air Force personnel

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
9	SF-2B			ALPHA	D	47 LCI(L)		3rd Division
10	SF-2A	NAPLES	D-3	DELTA	D	38 LCI(L)		45th Division
11	SF-2			CAMEL	D	30 LCI(L)		36th Division
12	Special No. 2	ORAN	?	CAMEL	D/1	WINCHESTER CASTLE (520)		1st CC/Soudre (FR)
13				DELTA	D/1	PARKER (513)		2nd CC/1st Armored Div. (FR)
14	TF-1	TARANTO	D-5	ALPHA	D/1	DURBAN CASTLE (507) EMPIRE PRIDE (509) VOLENDAM (519) STAFFORDSHIRE (517) SOBIESKI (515)		1st DIM
15	TF-1	TARANTO	D-5	DELTA	D/1	BATORY (502) CIRCASSIA (503) TAKLIMA (518) WORCESTERSHIRE (521) CAMERONIAN (510) EASTERN PRINCE (508)		BATORY: HQ Ship Army "B"
16	SF-3	NAPLES	D/5		D/7	30 LCI(L)		

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
17	SF-4	NAPLES	D/8		D/10	48 LCI(L)		
18	SF-5	NAPLES	D/8		D/10	Trans Div #3		
19	SF-6	NAPLES	D/13		D/15	Trans Div #5		
20	AF-1	ORAN	D/12		D/15	Trans Div #1 5 Pers. Ships		
21	SF-7	NAPLES	D/18		D/20	Trans Div #3		
22	SF-8	NAPLES	D/18		D/20	48 LCI(L)		
23	SF-9	NAPLES	D/23		D/25	Trans Div #1		
24	SF-10	NAPLES	D/23		D/25	Trans Div #5		
25	AF-2	ORAN	D/22		D/25	30 LCI(L)		
26	AF-3	ORAN	D/27		D/30	5 Pers. Ships		
27	SF-11	NAPLES	D/28		D/30	48 LCI(L)		
28	AF-4	ORAN	D/32		D/35	Trans Div #3		
29	SF-12	NAPLES	D/33		D/35	Trans Div #1 Trans Div #5		
30	SF-13	NAPLES	D/33		D/35	30 LCI(L)		
31	SF-14	NAPLES	D/38		D/40	48 LCI(L)		
32	SF-15	NAPLES	D/38		D/40	5 Pers. Ships		
33	SF-16	NAPLES	D/43		D/45	Trans Div #1 Trans Div #5		
34	SF-17	NAPLES	D/43		D/45	30 LCI(L)		

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
35	AF-5	ORAN	D/47		D/50	Trans Div #3		.
36	SF-18	NAPLES	D/48		D/50	48 LCI(L)		Completes Naples Lift
37	AF-6	ORAN	D/53		D/55	5 Pers. Ships		
38	AF-7	ORAN	D/58		D/60	Trans Div #1		
39	AF-8	ORAN	D/63		D/65	Trans Div #5		

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
50	SM-1-B	NAPLES	D-5	ALPHA	D	22 IST		3rd Div. 1 fitted with cub flight deck.
51	SM-1-A			DELTA	D	22 IST		45th Div. 1 fitted with cub flight deck.
52	SM-1			CAMEL	D	22 IST		36th Div. 1 fitted with cub flight deck.
				TARGET	D on call	3 IST		Fitted with GCI - one to be stowed for landing D Day
53	SS-1B	NAPLES	D-6	ALPHA	D	38 LCT		3rd Div. 1 LCT for VI Corps Hq.
54	SS-1A			DELTA	D	40 LCT		45th Div. 3 LCT for VI Corps Hq.
55	SS-1			CAMEL	D	38 LCT		36th Div. 1 LCT for VI Corps Hq.
56	SM-4	NAPLES	D/7		D/10	17 IST		
57	SM-6	NAPLES	D/17		D/20	17 IST		
58	AM-6	ORAN			D/25	25 IST		
59	SM-9	NAPLES	D/32	ASTORIA	D/35	15 IST		
60	AM-9	ORAN	D/37	ASTORIA	D/40	27 IST		
61	SM-11	NAPLES	D/42	CYRIL	D/45	15 IST		
62	AM-11	ORAN	D/45	CYRIL	D/50	10 IST		
63	AM-12	ORAN	D/50	CYRIL	D/55	27 IST		
64	AM-13	ORAN	D/55	CYRIL	D/60	15 IST		COMPLETES LIFT FROM ORAN

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
70	KM-1	CALVI	D+1	CAMEL	D+2	BRUISER 2 IST THRUSTER		AIR FORCE
71	KM-2	CALVI	D+3	CAMEL	D+4	9 IST		AIR FORCE
72	CM-1	AJACCIO	D+4	DELTA	D+5	Mule Ship CHATEAU LATCHER 15 IST	200 Animals 1400 Animals	7 ISTs to be fitted for animals. GROUND FORCES
73						STAR (Coaster)	Stores & Forage approx- 2000 tons	
74						15 IST		GROUND FORCES 3 ISTs equipped with sub flight deck.
75						CORCREST (Coaster)	Approx. 1800 tons	
76								
77	KM-3	CALVI	D+7	ALPHA	D+8	2 IST		AIR FORCES
78				DELTA	D+8	1 IST		
79				CAMEL	D+8	6 IST		
80	CM-2	AJACCIO	D+8	DELTA	D+9	35 IST		GROUND FORCES
81	KM-4	CALVI	D+11	DELTA	D+12	4 IST		AIR FORCES
82				CAMEL	D+12	5 IST		
83	CM-3	AJACCIO	D+12	ALPHA	D+3	10 IST		GROUND FORCES
84	KM-5	CALVI	D+15	DELTA	D+16	5 IST		AIR FORCES
85				CAMEL	D+16	4 IST		
86	CM-4	AJACCIO	D+16	ALPHA	D+17	10 IST		GROUND FORCES
87	KM-6	CALVI	D+19	ALPHA	D+20	5 IST		AIR FORCES
88				DELTA	D+20	2 IST		
89				CAMEL	D+20	2 IST		
90	CM-5	AJACCIO	D+20	ALPHA	D+21	10 IST		GROUND FORCES

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
91	KM-7	CALVI	D/23	PORT	D/24	9 LST		AIR FORCES
92	CM-6	AJACCIO	D/24	PORT	D/25	10 LST		GROUND FORCES
93	KM-8	CALVI	D/27	PORT	D/28	9 LST		AIR FORCES
94	CM-7	AJACCIO	D/28	PORT	D/29	10 LST		GROUND FORCES
95	KM-9	CALVI	D/31	PORT	D/32	9 LST		AIR FORCES
96	CM-8	AJACCIO	D/32	PORT	D/33	10 LST		GROUND FORCES
97	KM-10	CALVI	D/35	PORT	D/36	9 LST		AIR FORCES
98	CM-9	AJACCIO	D/36	PORT	D/37	10 LST		GROUND FORCES

AIR FORCE LIFT FROM CORSICA COMPLETED.  
BUILD UP FROM SARDINIA STARTS WITH 9 LST.  
GROUND FORCE LIFT FROM CORSICA COMPLETE.

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
100	SM-2B	NAPLES	D - 3	ALPHA	D-Day	51 LOUISA M. ALCOTT 44 BLACK HAWK 47 HENRY W. BEECHER 48 JAMES McHENRY 52 MERCY WARREN 53 RICHARD RUSH 45 CUSHING EELLS 46 EDWARD BURLESON 55 WILLIAM BLOUNT 49 LAURA KEENE	Carries approx 6600 tons maintenance	3rd Division Ships, 125 port personnel aboard each ship.
101						17 JOHN B. HOOD 13 GEORGE MEADE	M/T only M/T only	Army Ships - 1/2 of capacity reserved for Air Forces on both ships. 125 Port Pers on ea ship.
102						35 JAMES RUMSEY 15 GEORGE LEONARD	M/T only M/T only	Air Force Ships - 1/2 of capacity reserved for Army on both ships. 51 Port Pers on ea ship.

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
103	SM - 2A	NAPLES	D - 3	DELTA	D-Day	41 TABITHA BROWN 38 JOHN W. BROWN 40 PETER McGUIRE 33 HENRY CONNERS 43 WILLIAM JACKSON 30 ETHAN ALLEN 32 GEORGE McCRARY 39 MARION BOVARD 27 ABEL STEARNS 31 FURNIFOLD SIMMONS	Approx 9000 tons of Maintenance.	45th Division Loading 125 Port Personnel aboard each ship.
104						34 HOWELL E. JACKSON 29 ALEXANDER DALLAS 28 ALBERT MICHELSON	Carries Maintenance M/T Only Carries Maintenance	Corps Ship - 125 Port Pers Corps Ship - 101 Port Pers Corps Ship - 125 Port Pers
105						22 LINCOLN STEFFINS 36 JOHN GROPPER 113 EDW. RICHARDSON	Carries Maintenance  M/T Only M/T Only	Air Force Ship - 50 Port Pers. Air Force Ship - 51 Port Pers. Air Force Ship - 76 Port Pers.
106						14 GEORGE HANDLEY	M/T Only	Army Ship - 125 Port Pers

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
107	SM - 2	NAPLES	D - 3	CAMEL	D-Day	23 LUTHER MARTIN 26 WILLIAM RAWLE 25 WILLIAM FLOYD 11 AMBROSE BURNSIDE 12 ANDREW MOORE 18 JOHN LAWSON 21 KEMP BATTLE 24 S. MULL GRIFFIN 19 JOHN TRUMBULL 16 JAMES MOORE	Lifts approx 8600 tons maintenance	36th Division Shipping 125 Port Pers aboard each ship
108						42 WILLIAM A. GRAHAM 20 JOSIAH BARTLETT 37 JOHN MOOREHEAD	M/T Only Lifts approx _____ tons M/T Only	Air Force Ships - Each carry 51 Port Pers.
109						54 ROGER WILLIAMS 50 LEONIDAS POLK	Lifts approx _____ tons maintenance Lifts approx _____ tons maintenance	Corps Ships - carry 126 Port Pers each.
110						111 SAM WASH 112 JAN LIEVENS		Carries 50 DUKWs plus Pet. Dist. Co. 101 Port Pers aboard each.

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
111	AM - 1	ORAN	D - 5	ALPHA	D / 1	61 GRANVILLE M. DODGE 59 GEORGE BLANCROFT 57 EDWIN GODKIN <del>58-40</del> CACODY NOYES 67 WILLIAM CODY 66 TRISTAM DALTON 64 JOSEPH H. NICHOLSON 69 JOHN SARGEANT 68 OLIVER PERRY 70 KING WOOLSEY	M/T Stores Approx 1250 tons M/T Stores " " " M/T Stores M/T only " " " " " " " " " " " "	2nd Combat Command of 1st French Arm'd Div. 126 port Pers on each of the three M/T Stores Ships and 75 port Pers on only one of the 7 M/T Only Ships.
112				CAMEL		60 GEORGE BRECKENRIDGE 56 BETT HART 63 JOHN S. PILLSBURY 65 TRELTON BROWN 62 JAMES JACKSON 6 LST	M/T Stores Approx 1250 tons " " " " " " " " " " M/T only " "	LSTs include THRUSTER and BRUISTER. Carries CC Soudre (1st Combat Command of 1st French Arm'd Div). 20 DUKWs included in this convoy. 125 port Pers on each of the M/T Stores Ships and 75 port Pers on only one of the two M/T only Ships.

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## CONVOY PROGRAM

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
113	TM-1	TARANTO	D-6	ALPHA	D/1	79 FORT AKLAVIK	M/T Stores	M/T Stores Ships carry total of approx 4400 tons and each of these ships have 125 port Personnel.
						84 FORT FRONTENAC	" "	
						80 FORT BEAUSEJOUR	" "	
						76 EMPIRE ROSALIND	" "	100 Port Pers on 4 M/T Only ships and 50 Port Pers on 3 M/T Only Ships. Remaining 10 M/T Only Ships have no port personnel aboard
						88 FORT MARIN	M/T Only	
						83 FORT FROBISHER	" "	
						82 FORT CUMBERLAND	" "	Carried 1st DIM (French) and a portion of Corps troops.
						81 FORT CHESTERFIELD	" "	
						73 EMPIRE CLARION	" "	
						75 EMPIRE OUTPOST	" "	
						74 EMPIRE NOBLE	" "	
						77 EMPIRE UNICORN	" "	
						104 SAMBRE	" "	
						105 SAMOA	" "	
						106 SAMBAN	" "	
						96 OCEAN GALLANT	" "	
						103 OCEAN VESPER	" "	
						93 HARLESSEN	" "	
						94 JERSEY HART	" "	
						109 THISTLEMUIR	" "	
						95 NORMAN MONARCH	" "	



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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
114	TM-1	TARANTO (Cont'd)	D-6	DELTA	D/1	97 OCEAN GLORY	M/T Stores	MT/Stores ships carry total of approx 4400 tons and each of these ships have 125 port pers. 100 port pers. on 4 MT only ships & 50 port pers. on 3 MT only ships. Remaining 8 MT only ships have no port pers.
						99 OCEAN MESSENGER	" "	
						102 OCEAN TRAVELLER	" "	
						89 FORT MICHIPICOTEN	" "	
						92 FORT STAGER	M/T Only	Carried 3rd DIA (French and a portion of Corps and Army B Troops.
						85 FORT CASPEREAU	" "	
						91 FORT RICHELIEU	" "	
						86 FORT GRAHAM	" "	
						90 FORT PEMBINA	" "	
						87 FORT MAISONNEUVE	" "	
						107 SAMSTEELE	" "	
						100 OCEAN PRIDE	" "	
						98 OCEAN GYSEY	" "	
						101 OCEAN RIDER	" "	
						72 COULGORM	" "	
						108 THISTLEDALIE	" "	
						71 CHEMSEY	" "	
						78 ESSEX TRADER	" "	
						110 VAN DER CAPELLE	" "	

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
115	SM-3	NAPLES	D/2	ALPHA	D/5	7 MT/Stores Ships	Approx 11800 tons	
				DELTA		8 MT/Stores Ships	Approx 13000 tons	
				CAMEL		7 MT/Stores Ships	Approx 11000 tons	
116	AM-2	ORAN	D Day	ALPHA	D/5	1 MT/Stores Ship	Approx 1000 tons	
				DELTA		1 Coaster Dry (OTEPUS)	Approx 1400 tons	
				DELTA		1 Coaster Dry (ESNEH)	Approx 2500 tons	
				CAMEL		2 MT/Stores Ships	Approx 2500 tons	
117	SM-4	NAPLES	D/7	ALPHA	D/10	9 MT/Stores Ships	Approx 16000 tons	POL Coaster loads CAGIARI, joins convoy at Straits of Bonifacio D/9
				DELTA		1 Coaster Dry (GODVIN)	Approx 1800 tons	
				DELTA		1 POL Coaster (SAMUEL V SHREVE or NARVA)	Approx 1500 tons V-80	
				DELTA		5 MT/Stores Ships	Approx 8500 tons	LEVANT has capacity of 2400 tons, will load palermo join convoy at Naples.
				DELTA		4 Mule Ships	Approx 2000 animals	
				DELTA		1 POL Coaster (LEVANT)	Approx 1000 tons V-80 " 500 Lub & AGO	
118		NAPLES		CAMEL		4 MT/Stores Ships	Approx 7100 tons	Port Rehabilitation party. Loaded to be on call from D/10.
				CAMEL		1 Coaster Dry (ODYSSEUS)	Approx 1400 tons	
118		NAPLES		PORT	ON CALL	3 MT Ships	Loaded per NATOUSA letter 563.51 (SSGDS) dated 17 July 1944	
119	AM-3	ORAN	D/5	ALPHA	D/10	1 MT/Stores Ship	Approx 1800 tons	
				DELTA		3 MT/Stores Ships	Approx 4500 tons	
				DELTA		3 MT/Stores Ships	Approx 4300 tons	POL Coaster to load Bone, joins convoy off Bougie D/7
				CAMEL		1 POL Coaster (CORRELL or CONSTAR)	: Approx 570 tons V-80 : Approx 900 tons V-100 : Approx 30 Tons Lubs & AGO	
				CAMEL				

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
120	SM-5	NAPLES	D/12	ALPHA	D/15	9 MT/Stores Ships 1 POL Coaster (KIUNGCHOW or CERION)	Approx 13700 tons : Approx 1070 tons v-80 : Approx 430 tons Lub & AGO	POL Coaster loads Palermo, joins convoy at Naples.
				DELTA		5 MT/Stores Ships	Approx 8100 tons	
				CAMEL		4 MT/Stores Ships 1 POL Coaster (SAMULL) (V SHREVE or NALVA)	Approx 6900 tons Approx 1500 tons	POL Coaster loads Cagliari, joins convoy at Straits of Bonifacio on D/14.
121	AM-4	ORAN	D/10	ALPHA	D/15	2 MT/Stores Ships	Approx 2000 tons	
				DELTA		2 MT/Stores Ships 1 Coaster Dry 1 POL Coaster (CORRELL or CORSTAR)	Approx 3100 tons Approx 1500 tons Approx 1500 tons v-100	POL Coaster loads Bone, joins convoy off Bougie on D/12.
				CAMEL		3 MT/Stores Ships 1 Coaster Dry 1 Tanker (SYNCLINE)	Approx 4100 tons Approx 1500 tons Approx 1000 tons v-100	
122	SM-6	NAPLES	D/17	ALPHA	D/20	7 MT/Stores Ships	Approx 8000 tons	
				DELTA		3 MT/Stores Ships	Approx 3900 tons	
				CAMEL		5 MT/Stores Ships 1 Tanker (SAINT CREEK)	Approx 5000 tons Approx 1000 tons v-100	
123	AM-5	ORAN	D/15	ALPHA	D/20	2 MT/Stores Ships 1 Coaster Dry 1 POL Coaster (KWAISANG)	Approx 2400 tons Approx 1500 tons Approx 1600 tons v-80 : " 100 tons Lub	POL Coaster loads Algier and joins convoy off Algiers on D/16
				DELTA		2 MT/Stores Ships 1 Coaster Dry 1 LIBERTY	Approx 2900 tons Approx 1500 Approx 5263 tons v-80 Approx 469 tons AGO	POL Coaster loads Algiers and joins convoy off Algiers on D/16. LAMBERT CADWAIDER
						1 POL Coaster	Approx 775 tons v-100 Approx 2400 tons v-100	
				CAMEL		3 MT/Stores Ships 2 Pol coasters	Approx 4400 tons Approx 2700 tons v-100 440 tons Lubs	POL Coasters load Algiers and join convoy off Algiers on D/16.

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
124	SM-7	NAPLES	D/22	ALPHA	D/25	5 MT/Stores Ships	Approx 7350 tons	To load Syracuse and join con- voy at Naples.
				DELTA		4 MT/Stores Ships	Approx 5200 tons	
						1 Liberty Ship or 3 POL Coasters	Approx 5850 tons V-80 : " 480 tons MT Lubs : " 200 tons Avn Lubs : " 1140 tons AGO/Kero	
				CAMEL		5 MT/Stores Ships 1 Tanker (MANNINGTON)	Approx 5600 tons Approx 1000 tons V-100	Tanker loads Cagliari, joins convoy at Straits of Bonifacio on D/24
125	AM-6	ORAN	D/20	ALPHA	D/25	2 MT/Stores Ships 1 Coaster Dry 1 Liberty Ship (JOHN HOPKINS)	Approx 2400 tons Approx 1500 tons Approx 1366 tons V-80 Approx 4464 tons V-100	Ex UGS-49
				DELTA		3 MT/Stores Ships	Approx 2700 tons	Liberty Ship Ex UGS-50
				CAMEL		5 MT/Stores Ships 1 Coaster Dry 1 Liberty Ship	Approx 4700 tons Approx 1500 tons Approx 6420 tons V-80 " 510 tons AGO	
126	SM-8	NAPLES	D/27	ASTORIA	D/30	15 MT/Stores Ships		
127	AM-7	ORAN	D/25	ASTORIA	D/30	10 MT/Stores Ships		
128				ASTORIA	D/30	5 Coasters	2 Coasters Dry 3 " POL	Coasters to load and join either Oran or Naples convoys
129	SM-9	NAPLES	D/32	ASTORIA	D/35	15 MT/Stores Ships		
130	AM-8	ORAN	D/30	ASTORIA	D/35	10 MT/Stores Ships		
131				ASTORIA	D/35	5 Coasters	2 Coasters Dry 3 " POL	Coasters to load and join either Oran or Naples Convoy.

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
132	SM-10	NAPLES	D/37	ASTORIA	D/40	15 MT/Stores Ships 4 Mule Ships		
133	AM-9	ORAN	D/35	ASTORIA	D/40	10 MT/Stores Ships 1 Liberty Ship (Civil Supplies)	6133 Tons Civil Supplies	Civil Supply Ship Direct from USA to join convoy at ORAN.
134				ASTORIA	D/40	5 Coasters	2 Coasters Dry 3 Coasters POL	To load and join either ORAN or NAPLES Convoy.
135	SM-11	NAPLES	D/42	CYRIL	D/45	10 MT/Stores Ships		
136	AM-10	ORAN	D/40	ASTORIA	D/45	15 MT/Stores Ships		
137					D/45	5 Coasters	2 Coasters Dry 3 Coasters POL	Coasters to load and join either ORAN or NAPLES Convoy.
138	SM-12	NAPLES	D/47	CYRIL	D/50	15 MT/Stores Ships 2 MT/Stores Ships (Civil Supplies)		Civil Supply ships ex ALEXANDRIA and carry wheeled vehicles and bagged wheat to join convoy at NAPLES.
139	AM-11	ORAN	D/45	CYRIL	D/50	10 MT/Stores Ships 1 Liberty Ship (Civil Supplies)	6133 Tons Civil Supplies	Civil Supply ship direct from USA to join convoy at ORAN
140					D/50	5 Coasters	2 Coasters Dry 3 Coasters POL	Coasters to load and join either ORAN or NAPLES Convoy.
141	SM-13	NAPLES	D/52	CYRIL	D/55	10 MT/Stores Ships		
142	AM-12	ORAN	D/50	CYRIL	D/55	15 MT/Stores Ships		
143					D/55	5 Coasters	2 Coasters Dry 3 Coasters POL	Coasters to load and join either ORAN or NAPLES Convoy.

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PARA	CONVOY	SAILING		ARRIVING		DESCRIPTION	MAINTENANCE	REMARKS
		FROM	ON	AT	ON			
144	SM-14	NAPLES	D/57	CYRIL	D/60	15 MT/Stores Ships 2 MT/Stores Ships (Civil Supplies) 4 Mule Ships		Civil Supply ships ex ALEXANDRIA and carry wheeled vehicles and bagged wheat to join convoy at NAPLES
145	AM-13	ORAN	D/55	CYRIL	D/60	10 MT/Stores Ships 1 Liberty Ship (Civil Supplies)	6133 Tons (Civil Supplies)	Civil Supply ship direct from USA to join convoy at ORAN
146					D/60	5 Coasters	2 Coasters DRY 3 Coasters POL	Coasters to load and join either ORAN or NAPLES Convoy.

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BIGOT - UNVIL

HEADQUARTERS SEVENTH ARMY  
A.P.O. 758 U.S. ARMY

3 August 1944

Copy No. 115Ref. No. X-1392ANNEX NO. 4  
To F.O. No. 1AMENDMENT NO. 1CONVOY PLAN

1. The following are changes in the Convoy Plan dated 30 July 1944:

Para 1 and 2	Column 3	Change from D + 4 to D - 4
" 3 and 4	" 3	" " D - 3 to D - 2
" 5	" 3	" " D - 3 to D - 2
" 7	" 3	" " D - 3 to D - 2
" 12 and 13	" 3	" " ? to D - 4
" 14	" 3	" " D - 5 to D - 3
" 15	" 3	" " D - 5 to D - 3
" 37	" 3	" " D + 53 to D + 52
" 38	" 3	" " D + 58 to D + 57
" 39	" 3	" " D + 63 to D + 62
" 58	" 3	Insert D + 20
" 60	" 3	Change from D + 37 to D + 35
" 83	" 5	" " D + 3 to D + 13
" 20	" 6	" " 5 Pers Ships to 4 Pers Ships
" 26	" 8	Insert GENERAL SQUIER, JAMES PARKER, SANTA ROSA, MARINE ROBIN.
" 32	" 6	Delete "Mule Ship, CHATEAU LATOUR".
" 72	" 7	Delete "200 Animals"
" 111	" 6	Change from ALPHA to DELTA " "
	" 6	" " 140 to 58 "
	" 6	" " JOHN SARGEANT to WILLIAM MOULTRIE
	" 6	Change from OLIVER PERRY to LUCRETIA MOTT
" 115	" 6	Add "Mule Ship, CHATEAU LATOUR" im- mediately under "8 MT/Stores Ships".
	" 7	Add "200 Animals" immediately under "Approx 13,000 tons".
" 37	" 6	Change from 5 Pers Ships to 4 Pers Ships
	" 8	Insert GENERAL SQUIER, JAMES PARKER, SANTA ROSA, MARINE ROBIN.

By Command of Major General PATCH:

ARTHUR A. WHITE  
Brig.Gen.U.S.A.  
Chief of Staff.SECURITY CLASSIFICATION CANCELLED  
BY AUTHORITY OF THE SECRETARY OF WAR  
BY PERRY J. BOHLEN, 15 JUL 1967  
REF 166447 CITE 166447 1936

OFFICIAL:

*Oliver C. Harvey*  
OLIVER C. HARVEY,  
Colonel, G.S.C.,  
A. C. of S., G-4.

Copy No. 1HEADQUARTERS SEVENTH ARMY  
APO 758

4 August 1944

ANNEX NO. 5

TO F.O. #1 ANVIL

MAP: FRANCE, 1/100,000

AIR SUPPORT PLANI. GENERAL MISSIONS

The general missions of the Air Forces in Operation "ANVIL" are:

- To neutralize the enemy air forces on the ground and in the air.
- To disrupt enemy communications, and retard the movement of enemy reserves both strategic and tactical, into the assault area.
- To attack selected specific defense installations in the assault area.
- To destroy submarine pens and sink prepared block ships in TOULON harbor.
- To provide air cover over the assault area and shipping within 40 miles of it.
- To provide close air support to the ground forces taking part in the operation.

II. Operations of XII TAC and other units of MATAF in support of Operation "ANVIL"PHASE I: Prior to D Day.

- To conduct strong counter-air force operations against the enemy in the PO Valley and the South of FRANCE.
- To block and keep blocked all enemy lines of communication between Northern ITALY and Southern FRANCE.
- To destroy all rail bridges across the RHONE River, South of VALENCE.
- To destroy selected coastal batteries between GENOA and SETE.
- To destroy selected radar stations between GENOA and SETE.
- To conduct air operations in support of the cover plan. As an incident to this cover plan to destroy the guns on the Ile Du LEVANT.

PHASE II: D Day Prior to H Hour.

- To cause maximum destruction to enemy coastal and beach defenses within the assault area with all forces available.
- The following target priority will be followed:
  - Counter battery attacks, coordinated with Naval gunfire, on enemy artillery that can be brought to bear on shipping of any type in the assault area.
  - Enemy guns and other military installations which bear directly on the ability of our ground forces to advance over the beaches.
  - Enemy light artillery and other military installations that are capable of delaying the planned "D" day advance in general.
  - Destruction of any enemy airdromes operational in or within close fighter operating range of the assault area.

3. PLAN OF ATTACK

- Guns firing from 0550 to 0610B. (See General Instructions, sub-paragraph f.)

AO No.	TARGET	T.O.T. (All times B Time)	ESTIMATED FORCE
1	Any guns firing in area S-2550 to S-3159 to S-5060 (S-256528)	From 0550 to 0610	4 F/B Sorties
2	Any guns firing in area S-2353 to S-2450 to S-5831 to U-5636 (U-214512)	From 0550 to 0610	4 F/B Sorties
3	Any guns firing in area U-5831 to U-5636 to U-5320 to U-4823 (U-531252)	From 0550 to 0610	4 F/B Sorties
4	Any guns firing in area U-4823 to U-4117 to U-4414 to U-5418 (U-518176)	From 0550 to 0610	4 F/B Sorties

BY *10647* *10656*



AO No.	TARGET	T.O.T. (All times B time)	ESTIMATED FORCE
5	Any guns firing in area U-5416 to U-5015 to U-5008 to U-5408 (U-516103)	From 0550 to 0610	4 F/B Sorties
6	Any guns firing in area U-4810 to U-5205 to U-3708 to U-3802 (U-412052)	From 0550 to 0610	4 F/B Sorties
7	Any guns firing in area U-2905 to Z-3296 to Z-2095 to U-2002 (Z-276958)	From 0550 to 0610	4 F/B Sorties
8	Any guns firing in area Z-1984 to Z-1084 to Z-1099 to U-2001 (Z-121888)	From 0550 to 0610	4 F/B Sorties

## b. Coastal Defense Guns, Primary Targets.

EACH MISS-

A.O.	TARGET	LOCATION	DESCRIPTION	MISS- IONS	SION'S NO. & TYPE A/C	TIME ON TARGET	BOMB LOADS
9	M-18	Z-276958	4-120CD	3	4 F/B	0615 0640 0655	Incendiary
				3	6 M/B	0650 0710 0725	Incendiary
10	L-24-25	Z-121888	2-105CD	2	4 F/B	0620 0635	Incendiary
			2-155CD	3	6 M/B	0655 0715 0725	Incendiary
11	P-34	U-546259	3-220CD	3	4 F/B	0610 0625 0645	Incendiary
				3	6 M/B	0650 0710 0725	Incendiary
12	N-42	U-497171	4 Hows CD	1	4 F/B	0630	Incendiary
				3	6 M/B	0650 0700 0720	Incendiary
13	P-63	S-205513	5-150CD	3	4 F/B	0610 0630 0650	*2 x 1000
				3	6 M/B	0705 0715 0730	Frag/Demo
14	Q-25	S-236526	6 DP	2	4 F/B	0615 0640	Incendiary
				3	6 M/B	0700 0710 0725	Incendiary
15	Q-06	S-274542	4 DP	1	4 F/B	0620	Incendiary
				3	6 M/B	0655 0705 0720	Incendiary
16	N-23	U-496122	4-105 DP	2	4 F/B	0620 0640	*2 x 1000
				3	6 M/B	0655 0710 0725	Frag/Demo
17	L-30	Z-185869	4-164CD	5	4 F/B	0610 0625 0640	
						0700 0715	Incendiary
18	P-39	U-522180		6	4 F/B	0610 0620 0640	
						0655 0710 0725	Incendiary
19	P-47	U-523179	5-220 CD	5	4 F/B	0615 0620 0625	
						0655 0725	Incendiary
20	P-48	U-525177		5	4 F/B	0610 0615 0625	
						0640 0710	Incendiary
21	N-12	U-441188	4-150 ?	5	4 F/B	0620 0635 0650	
						0705 0720	*2 x 1000
22	N-13	U-442186	2-Lt CD	3	4 F/B	0640 0655 0725	*2 x 1000
23	P-28	U-599365	4-105 CD	4	4 F/B	0615 0630 0645	
						0700	*2x 1000
24	Q-37	S-263538	2-Lt CD	3	4 F/B	0620 0650 0710	*2 x 1000
25	Q-38	S-223510	2-Lt CD	3	4 F/B	0615 0635 0700	*2 x 1000
26	Q-39	S-225515	2-Lt CD	3	4 F/B	0610 0625 0655	*2 x 1000
27	Q-04	S-238527	4-Lt CD (u)	2	4 F/B	0625 0645	*2 x 1000
28	Q-40	S-248527	2-CD	2	4 F/B	0630 0650	Incendiary
29	Q-03	S-214518	4-CD (u)	3	4 F/B	0620 0700 0720	*2 x 1000
30	P-40	U-516092	4-150 CD	6	4 F/B	0610 0625 0640	
						0655 0710 0725	*2 x 1000
31	N-15	U-448178	2-MCD	6	4 F/B	0615 0630 0645	
						0700 0715 0730	Incendiary
32	P-29	U-601337	4-Lt CD	3	4 F/B	0650 0710 0725	*2 x 1000
33	P-30	U-604337	2-Lt CD (u)	3	4 F/B	0630 0700 0720	*2 x 1000

A.O.	TARGET	LOCATION	DESCRIPTION	MISSIONS	EACH MISSION'S NO. & TYPE A/C	TIME ON TARGET	BOMB LOADS
(continued)							
34	Q-07	S-334692	4-149 (u)	3	4 F/B	0655 0715 0730	*2 x 1000
35	P-41	U-521165	4-CD How.	3	4 F/B	0650 0705 0720	*2 x 1000
36	N-17	U-448107	4-CD How.	5	4 F/B	0630 0645 0700	*2 x 1000
						0715 0730	
37	N-19	U-500156	2-Lt CD (u)	3	4 F/B	0650 0705 0720	*2 x 1000
38	L-43-44	Z-135998	4-150 CD 2-?	2	6 H/B	0710 0730	Incendiary/ Demo

\* 2 x 1000 pound bombs where condition of runway, experience of pilots, and day-light take-offs permit. Missions taking off before 0600 will carry 2 x 500 pound bombs.

c. Beach Defenses. Primary Targets.

AO NO.	TARGET	T.O.T.	ESTIMATED FORCE
39	B each 259 U-415066	between 0700 and 0730	180 B-26
40	Beach 261 U-513125	between 0700 and 0730	120 H/B
41	Beach 263A U-510255	between 0700 and 0730	40 H/B
42	Beach 263B U-512240	between 0700 and 0730	40 H/B
43	Beach 263C U-520250	between 0700 and 0730	40 H/B
44	Beach 264B S-210515	between 0700 and 0730	40 H/B
45	Beach 265A S-256523	between 0700 and 0730	124 B-25

d. Gun Positions.

AO NO.	TARGET	LOCATION	DESCRIPTION	MISSIONS	EACH MISSION'S NO. & TYPE A/C	T.O.T.	BOMB LOAD
46	L-27	Z-152855	2 CD	1	4 F/B	0635	Incendiary
47	L-29	Z-170854	4-155	1	4 F/B	0645	Incendiary
48	P-19	U-529334	2 Lt. F/D	1	4 F/B	0645	Incendiary
49	N-36	U-256032	4-CD	1	4 F/B	0705	*2 x 1000
50	P-17	U-514340	4-F/D	1	4 F/B	0705	*2 x 1000
51	N-10	U-439122	4-Lt CD	1	4 F/B	0715	*2 x 1000
52	P-37	U-533256	4-CD	1	4 F/B	0730	*2 x 1000
53	N-27	U-402163	2-Lt CD	1	4 F/B	0730	Incendiary

e. Coastal Defense Guns, alternate targets.

(1) Specific Assignment.

(a) The following missions will be assigned a special alternate target (M-28, consisting of 2 or 4 heavy Coastal Defense guns at U341026). This target may be seized by Commandos, and will therefore not be attacked unless specifically directed by Headquarters Ship. Headquarters Ship will call the designated missions, when airborne, by their AO number.

AO No.	PRIMARY TARGET T.O.T.	FORCE	ALTERNATE TARGET
AO 30	0610	4 F/B	U 341026
AO 16	0620	4 F/B	
AO 36	0630	4 F/B	
AO 31	0645	4 F/B	

(b) The following missions will be assigned alternate targets as indicated:

AO No.	TIME	FORCE	TARGET	DESCRIPTION	LOCATION
13	0610	4 F/B	P-53	4-75 CD	U-515141
17	0625	4 F/B	N-35	4-CD	U-441076
22	0640	4 F/B	N-29	4-CD	U-391041
33	0700	4 F/B	Q-33	4-155 CD	S-340702
32	0710	4 F/B	N-24	CD (u)	U-405066
29	0720	4 F/B	L-26	3-75 CD	Z-124887

(2) General Assignment.

(a) All other F/B and medium bomber missions will be assigned one of the following strong points for an alternate target:

1. U-516103	6. U-585345	11. S-276543
2. U-510220	7. S-214512	12. U-412052
3. U-510233	8. S-256528	13. U-518176
4. U-516245	9. S-257532	14. U-439156
5. U-531252	10. S-259535	15. U-559307
		16. U-559321

f. GENERAL INSTRUCTIONS.

(1) AO's 1 - 8 inclusive will arrive at designated area at 0550 and will bomb any gun flashes seen in their immediate vicinity between 0550 and 0610. If no flashes seen by 0610, they will bomb designated strong points as alternate, 16 of these a/c will remain on low cover patrol of 8 in Apple Area, 8 in Cherry Area. At 0615 they will come under control of the Fighter Director Ship.

(2) AO's 8 - 38 inclusive will leave 16 a/c on patrol to relieve above 16, 8 on each patrol area as listed above. At 0650 they will come under control of Fighter Director Ship.

(3) AO's 8 - 38 inclusive will leave a further 16 a/c on patrol to relieve the above 16 of para. 2, 8 on each patrol area as listed above. At 0730 they will come under control of Fighter Director Ship.

- (4) (a) 8 Navy F/B (fighter-bomber) will be on call at 0730, and  
8 R/P (rocket projectile plane) on call at 0800.  
(b) 16 XII Tactical Air Command F/B will be on call at 0800.

4. Fighter Cover. In addition to fighter-bomber effort and escort of Medium Bombers, XII T.A.C. fighters will maintain standing patrol over the beaches beginning at 0550 on D-Day. A patrol of 6 additional Spitfires will be furnished between 0600 and 0800 hours on D-Day as additional low cover over the assault area. See XII T.A.C. Operations Order No. 1.

5. Tac/R and Naval Spotting. Tac/R and Naval spotting a/c will be in the assault area from 0635 on D-day on. See XII T.A.C. Operations Order No. 1.

6. Troop Carrier Cover.

a. 36 Spitfires of XII Tactical Air Command will furnish area cover between the northern tip of Corsica and the Italian mainland between 0550 and 0645 on D-Day to protect the end of the Troop Carrier formation returning to Italian bases.

b. 4 Beaufighter sorties supplied by M. A. C. A. F. will furnish continuous area cover for Airborne Operations between the Italian mainland and the dropping point in "ANVIL" between the hours of 0300 and 0600 on D-Day.

7. Area of Bombing.

a. Defenses within beaches are considered nearly uniform on a per yard basis.

b. Beaches will be bombed to a depth of 400 yards by Heavy and Medium Bombers. Beach 265 A, being only 80 yards long will be bombed approximately 450 yards on each side, where defenses similar to beach defenses exist.

8. Bomb Loadings.

a. Beach Defenses

(1) Fragmentation or demolition bombs of weights not exceeding 260 pounds will normally be used.

(2) If necessary, because of insufficient supply of bombs of above categories, 500 pound bombs may be used to complete loads of the full force.

(3) Instantaneous fuses will be employed whenever possible. In no case will fuses other than instantaneous be used on demolition bombs larger than 100 pounds.

(4) No phosphorous or incendiary bombs will be employed against beach defenses.

b. Gun Positions

(1) Incendiary bombs (not white phosphorous) may and should be employed against certain gun positions as indicated in SECTION II, PHASE II above.

(2) Against gun positions not specifically cleared for incendiaries: only large demolition bombs with short-delay fuses will be used.

9. All missions will avoid the areas CAPE NEGRE, ILE LEVANT, PORT CROS, and the paratroop drop area, where commando and paratroop operations are taking place on the night D-1/D. Special bomblines will be issued in advance for these areas. All missions will insure that all crews are thoroughly briefed on those points so that faulty navigation does not result in mistaking them for target locations that may appear similar.

#### 10. Summary

a. The implementation of this Phase will involve approximately:

12 Heavy Bomb Groups	- 15th Air Force
7 Medium Bomb Groups	- MATAF
408 Fighter/Bomber Sorties	- XII TAC
120 Fighter Sorties	- XII TAC (Plus standing patrols)
8 Night Fighter Sorties	- (Plus standing patrols)
48 Fighter/Bomber Sorties	- C.T.F. 88 (Plus 16 Standby-Sorties)

b. Considerable flexibility to meet changes in enemy disposition in the tactical situation is retained through the method of scheduling Fighter/Bomber effort.

#### PHASE III: D Day after H Hour.

1. The purpose of this phase is:

a. To cause maximum destruction of enemy coastal and beach defense within the assault area.

b. To isolate the battlefield area by the destruction of rail and road bridges across the RHONE - ISERE - DURANCE Rivers, and by blocking of defiles and rail lines running thru the ALPS from the ISERE southward.

c. To attack any troop movements within the tactical area.

d. Neutralization of any enemy airdromes operational or within close fighter range of the assault area.

e. To provide close air support to ground forces, on call.

#### 2. Target Priority:

a. Up to H + 6½ hours the maximum fighter bomber effort will be directed against:

(1) Enemy Artillery that can be brought to bear on shipping of any type in the assault area. This counter battery will be coordinated with Naval gunfire.

(2) Enemy guns and other military installations which bear directly on the ability of our ground forces to advance over the beaches.

(3) Enemy light artillery and other military installations that are capable of delaying the advance in general.

b. After H + 6½ hours, guns still threatening shipping or the ground forces will be attacked, but the bulk of the fighter/bomber effort will be diverted to armed reconnaissance beyond the armed reconnaissance line to attack any troops or vehicle concentrations moving into the assault area. Alternate targets will be the DURANCE River bridges.

c. The balance of heavy bombers not employed on the beaches, plus a turn around of all medium bomber groups will be employed on the bridges set forth in paragraph 1 b, supra.

3. PLAN OF ATTACK.

a. From "H" Hour balance of "D" Day.

## (1) Heavy Bombers - 9 Groups.

AERIAL OBJECTIVE NUMBER	TARGET NUMBER	LOCATION	DESCRIPTION	NO. OF MISSIONS	ESTIMATED NUMBER & TYPE A/C	TOT	BOMB LOAD
AO-501	264 A	From U-566332	Beach 264 A	1	30 H/B	1230- 1245	Frag &
AO-502	264 A	To U-585345	Beach 264 A	1	30 H/B	1245- 1300	Demolition Not to Exceed
AO-503	264 A	From U-570340 To U-561351	Road from Beach 264 A to Frejus	1	30 H/B	1220- 1300	260 lb
AO-504	A	N-850204	Pont St Esprit road bridge	1	30 H/B	1300	demo- lition
AO-505	B	N-880419	Donzere Pont du St Fusselue Road Bridge	1	30 H/B	1330	"
AO-506	C	N-878450	Viviers Road Bridge	1	30 H/B	1445	"
AO-507	D	N-871528	Latiol Road Bridge	1	30 H/B	1445	"
AO-508	E	O-010957	Valence Road Bridge	1	30 H/B	1530	"
AO-509	F	N-843325	Bourg St Andeol Road Bridge	1	30 H/B	1600	"

## (2) Medium Bombers - 7 Groups

AO-510	G	O-875175	* Sisteron (RR Bridge (Rd Bridge)	1	36 M/B	1600	Demolition
AO-511	H	S-844559	Arles Road Bridge	1	36 M/B	1615	"
AO-512	J	S-892797	Aramon Road Bridge	1	36 M/B	1615	"
AO-513	G	O-890175	** Sisteron (Bridge in AO 510) (Rd Bridge AO 510)	1	36 M/B	1615	"
AO-514	K	S-949997	Roquemaure Road Bridge	1	36 M/B	1615	"
AO-515	L	S-862699	Terascon Road Bridge	1	36 M/B	1630	"
AO-516	M	S-978864	Avignon Road Bridge	1	36 M/B	1630	"

\*  $\frac{1}{2}$  effort on RR Bridge, and  $\frac{1}{2}$  on Road Bridge, both over the  
BUECH RIVER.

\*\*  $\frac{2}{3}$  effort on road bridge over DURANCE RIVER, and  $\frac{1}{3}$  effort  
on either bridge in AO-510 not out.

## (3) Gun Positions and Rail cuts for Carrier Task Force.

AERIAL OBJECTIVE NUMBER	TARGET NUMBER	LOCATION	DESCRIPTION	NO. OF MISSIONS	ESTIMATED NUMBER & TYPE A/C	TOT	BOMB LOAD
AO-517	N-23	U-496122	4 C.D.	1	4 F/B	0800	2 x 500
AO-518	N-32	U-484104	4 C.D.	1	4 F/B	0800	2 x 500
AO-519	20	U-441118	2 C.D.	1	4 R/P (F/B)	0830	2 x 500
AO-520	P-39	U-523179	2 C.D.	1	4 R/P (F/B)	0830	2 x 500
AO-521	P-47	U-522180	1 C.D.	1	4 F/B	0900	2 x 500
AO-522	N-17	U-448107	4 C.D.	1	4 F/B	0900	2 x 500
AO-523	P-48	U-525177	1 C.D.	1	4 R/P (F/B)	0930	2 x 500
AO-524	N-42	U-497171	4 C.D. How.	1	4 R/P (F/B)	0930	2 x 500
AO-525	P-30	U-604336	2 C.D. Lt.	1	4 F/B	1000	2 x 500
AO-526	P-28	U-599365	4 C.D.	1	4 F/B	1000	2 x 500
AO-527	Sisteron (O-8918) Railcuts to Portius (T-5957)			2	8 R/P	1200, 1330	
AO-528	Portius (T5957) Railcuts to Aix (T5141)			1	8 R/P	1430	
AO-529	Aix (T5141) to (T-8036) Railcuts			2	8 R/P	1600, 1800	
AO-530	Avignon (S-9787) Railcuts Miramus (T-1546)			1	8 F/B	1830	2 x 500
AO-531	Arles (S-8557) to Railcuts Miramus (T-1546)			1	8 R/P	1900	
AO-532	Meyrarques (T-5854) Railcuts to Darquignan (U-3147)			2	8 F/B 8 R/P	1930 2000	2 x 500

(4) Gun Positions to be attacked by P-38's and P-47's who then go on patrol over the beaches.

AERIAL OBJET- IVE NO.	TOT. NO.	LOCATION	DESCRIPTION	No. of MISS- IONS	No. & TYPE A/C	T.O.T.	PATROL AO NUMBERS	BOMB LOAD
AO-533	N-08	U-502220	4 D.P.	1	6 P-38	0755	303	2 x 1000
AO-534	P-37	U-533258	4 C.D.	1	6 P-38	0755	303	2 x 1000
AO-535	Q-38	S-222509	2 C.D. Lt.	1	4 P-47	0805	104	2 x 1000
AO-536	Q-25	S-236526	6 C.D.	1	4 P-47	0805	104	2 x 1000
AO-537	P-34	U-546259	3 C.D.	1	4 P-47	0805	204	2 x 1000
AO-538	P-20	U-545303	4 C.D.	1	4 P-47	0805	204	2 x 1000
AO-539	N-10	U-439121	(?) C.D.	1	4 P-47	0850	105	Incendiary
AO-540	N-27	U-402163	2 Field	1	4 P-47	0850	105	Incendiary
AO-541	N-20	U-465190	2 C.D.	1	4 P-47	0850	205	Incendiary
AO-542	N-15	U-448178	2 C.D. Med.	1	4 P-47	0850	205	Incendiary
AO-543	P-56	U-514336	4 C.D. Med.	2	6 P-38	0910 1210	304 306	Incendiary
AO-544	21	U-507376	4 C.D. Lt.	2	6 P-38	0910 1210	304 306	Incendiary
AO-545	22	U-575394	4 C.D. Lt.	1	4 P-47	0935	106	2 x 1000
AO-546	P-15	U-554370	4 C.D.	1	4 P-47	0935	106	2 x 1000
AO-547	N-29	U-287014	4 C.D. Lt.	2	4 P-47 6 P-38	0935 1510	206 308	Incendiary 2 x 1000
AO-548	N-18	Z-276958	4 C.D.	2	4 P-47 6 P-38	0935 1510	206 308	Incendiary 2 x 1000
AO-549	23	U-529372	4 C.D. Med.	1	4 P-47	1020	107	Incendiary
AO-550	P-19	U-529334	2 Fld.	1	4 P-47	1020	107	Incendiary
AO-551	M-38	U-362095	3 C.D.	1	4 P-47	1020	207	2 x 1000
AO-552	3	U-439156	Strong Point	1	4 P-47	1020	207	2 x 1000
AO-553	P-07	U-520374	4 C.D. Lt.	2	6 P-38	1040 1340	305 307	Incendiary
AO-554	P-02	U-515328	4 Fld.	2	6 P-38	1040 1340	305 307	"
AO-555	24	U-509381	4 C.D. Lt.	1	4 P-47	1105	108	2 x 1000
AO-556	25	U-520366	4 C.D. Lt.	1	4 P-47	1105	108	2 x 1000



AERIAL OBJECT- IVE NO.	TOT NO.	LOCATION	DESCRIPTION	No. of MISS- IONS	No. & TYPE A/C	T.O.T	PATROL AO NUMBER	BOMB LOAD
AO-557	P-10	U-532372	4 C.D. Lt.	1	4 P-47	1105	208	Incendiary
AO-558	P-02	U-515328	4 Fld	1	4 P-47	1105	208	Incendiary
AO-559	P	Z-120988	Rd Bridge	1	6 P-38	1640	309	2 x 1000
AO-560	N	Z-115995	Rd Bridge	1	6 P-38	1640	309	2 x 1000
AO-561	R	S-308631	Rd Bridge	1	6 P-38	1810	310	2 x 1000
AO-562	S	S-306633	Rd Bridge	1	6 P-38	1810	310	2 x 1000
AO-563	T	S-305651	Rd Bridge	1	6 P-38	1940	311	2 x 1000
AO-564	R	S-308631	Rd Bridge	1	6 P-38	1940	311	2 x 1000

(5) F/B - Primary targets to be bombed, followed by armed reconnaissances outside the "Armed Reconnaissance Line" in the area TOULON (Y-930970) to BRIGNOLIA (U-015295), north to the VERDON River (U-015670) east along the VERDON River to HOUGON (U-270750) to GRASSE (S-300770) to CANNES (S-370660), strafing any enemy concentrations of troops or vehicles observed.

AO-565	Q-39	S-225515	2 C.D. Lt.	1	4 P-47	0815		2 x 1000
AO-566	Q-06	S-275542	5 D.P.	1	4 P-47	0815		2 x 1000
AO-567	1	U-524095	Strong Point	1	4 P-47	0825		2 x 1000
AO-568	20	U-441118		1	4 P-47	0825		2 x 1000
AO-569	N-17	U-448107	4 C.D.	1	4 P-47	0845		Incendiary
AO-570	N-15	U-448178		1	4 P-47	0845		Incendiary
AO-571	N-12	U-441188	4 C.D.	1	4 P-47	0955		Incendiary
AO-572	N-27	U-402163		1	4 P-47	0955		Incendiary
AO-573	22	U-575394	A C.D. Guns Lt.	1	4 P-47	1130		2 x 1000

AERIAL OBJECT- IVE NO.	TOT NO.	LOCATION	DESCRIPTION	No. of MISS- IONS	No. & TYPE A/C	T.O.T.	PATROL AO NUMBER	BOMB	LOAL
AO-574	P-15	U-554370	4 C.D. Guns	1	4 P-47	1130		2 x	1000
AO-575	6	U-541319	Strong Point	1	4 P-47	1310		2 x	1000
AO-576	10	U-585345	Strong Point	1	4 P-47	1310		2 x	1000
AO-577	4	U-559307	Strong Point	1	4 P-47	1320		2 x	1000
AO-578	5	U-559321	Strong Point	1	4 P-47	1320		2 x	1000
AO-579	10	U-585345	Strong Point	1	4 P-47	1330		2 x	1000
AO-580	7	U-554335	Strong Point	1	4 P-47	1330		2 x	1000
AO-581	9	U-551342	Strong Point	1	4 P-47	1400		2 x	1000
AO-582	8	U-561351	Strong Point	1	4 P-47	1400		2 x	1000
AO-583	U	U-615574	Rd. Bridge	1	8 P-47	1400		2 x	1000
AO-584	T	S-305651	Rd. Bridge	1	8 P-47	1500		2 x	1000
AO-585	Q	Z-134977	Rd. Bridge	1	8 P-47	1600		2 x	1000
AO-586	R	S-308631	Rd. Bridge	2	4 P-47	1700 1900		2 x	1000
AO-587	S	S-306633	Rd. Bridge	2	4 P-47	1700 1900		2 x	1000
AO-588	N	Z-113995	Rd. Bridge	2	4 P-47	1800 2000		2 x	1000
AO-589	P	Z-120988	Rd. Bridge	2	4 P-47	1800 2000		2 x	1000

## (6) Fighter Bomber - Alternate - Targets for Armed Recces.

Armed Recces from armed reconnaissance line to target will bomb any large concentrations seen and check any reported by controller. If none seen will bomb indicated targets. Times indicated will be time over the alternate target.

AO-590	V	S-985625	Rd. Bridge	1	8 P-38	1230		2 x	1000
AO-591	W	T-548568	Rd. Bridge	3	8 P-47	1245 1630 1815		2 x	1000
AO-592	X	T-073797	Rd. Bridge	1	8 P-38	1345		2 x	1000
AO-593	Y	T-684600	Rd. Bridge	3	8 P-47	1415 1645 1845		2 x	1000
AO-594	Z	T-166733	Rd. Bridge	1	8 P-38	1430		2 x	1000
AO-595	AA	T-980616	Rd. Bridge	3	8 P-47	1445 1715 1945		2 x	1000
AO-596	AB	T-285638	Rd. Bridge	1	8 P-38	1515		2 x	1000
AO-597	AC	U-302755	Rd. Bridge	3	8 P-47	1530 1739 2015		2 x	1000
AO-598	AD	T-440613	Rd. Bridge	1	8 P-38	1545		2 x	1000

4. Miscellaneous.

a. AO-501 and 502 besides including beach 264 A will include strong point U-585345.

b. AO-503 will include bombing road to FREJUS as well as strong point at U-561351.

c. The following alternate targets will be used in the event that the primary target has been destroyed:

(1) AO-503, 504, and 505, Road Bridge at N-886564.

(2) AO-506, 507, and 508 Road Bridge at N-913758.

(3) AO-510, 511, and 512 Rail Bridge at N-993803.

(4) AO-513, 514, 515, and 516 Road Bridge at N-981771.

d. A-20's will execute an ammunition drop to Commandos on D-Day.

e. TAC/R aircraft will be employed for spotting Naval Gunfire over the beaches throughout the operation.

5. Summary:

The implementation of this phase will involve approximately:

9 Heavy Bomber Groups - 15th Air Force  
7 Medium Bomber Groups - MATAF  
32 Night Intruder Sorties - XII TAC  
194 Sorties - CTF - 88  
464 Fighter-Bomber Sorties - XII TAC  
22 Night Fighter Sorties - XII TAC

Fighters and Fighter escort sorties as required.

PHASE IV After D-Day

1. Medium bombers will attack two batteries of 14 inch coastal guns at Y-935924 and Y-938927 on D + 2 and continue these attacks until the guns are destroyed.

2. Medium and Heavy Bombers will continue the destruction of road and rail bridges across the RHONE - ISERS Rivers, and that part of the DURANCE out of fighter-bomber range, until all are destroyed. They will also continue bombardment of road and rail bridges and defiles in the Alps, from their junction with the ISERE River south to the coast.

3. Medium and Heavy Bombers will also continue counter-air force operations against any operational airdromes close or affecting the "ANVIL" area.

4. Upon completion of specified missions in paragraph 2 supra the necessary percentage of heavy and medium forces will be employed in the same areas to neutralize any repaired or temporary road and rail bridges and any cleared defiles. The balance of the heavy and medium bomber force available will be employed as follows:

a. Bombardment of any important marshalling yards, including those at AVIGNON, GRENOBLE, LYON, & TOULOUSE.

b. Bombardment of road and rail bridges to the North and West of the Tactical area that may be used by enemy reinforcements. The most important systems are:

- (1) Bridges across the RHONE River East from LYON.
- (2) Bridges across the VISTRE - GARDE - and ARDICHE Rivers.
- (3) Bridges across the GARONNE - ARIAGE Rivers.
- (4) Bridges across the MIDI Canal

5. Fighter-bombers will support Naval Forces in their operations westward from the assault area to TOULON.

6. Fighter-bombers will continue to harass all enemy movement into the assault area, by armed reconnaissances over the following road nets.

a. While operating from Corsican Airfields:

- (1) Marseille (T-460160) - Manosque (T-770860) - Digne (P-125065) - Nice (S-580800) - Torino (J-030270).
- (2) (Without bombs) Nîmes (S-630735) - Valence (O-025955) - Grenoble (J-660260) - Gap (O-975575) - Digne (P-125065) - Nice (S-580800)

b. After arrival on Airfields in "ANVIL".

- (1) Marseilles (T-460150) - Arles (S-850550) - Montpellier (S-240460) - Toulouse (Q-280450).
- (2) Tarascon (S-870690) - Clermont Ferrand (W-580875) - Lyon (X-950880) - Valence (O-025955).
- (3) Cannes (S-363650) - Aspremont (O-695490) - Grenoble (J-660260) - Gap (O-975575).
- (4) Nice (S-580800) - Torino (J-030270) - Milano (K-250650) - Genova (O-959500).

7. Fighter-Bombers will continue the close support.

8. Fighter-bombers will continue the interdiction of communications by bombardment of road and rail bridges across the Rivers DURANCE - VERDUN - RHONE - ISENE and their tributaries. Further interdiction will be undertaken by rail cuts within the following rail systems:

a. While operating from Corsican Airfields:

- (1) Toulon (Y-920980) - Marseilles (T-460150) - Aix (T-515420) - Brignoles (U-015295).
- (2) Meyrargues (T-575545) - Draguignan (U-340460) - Grasse (S-300780) - Digne (P-125065).
- (3) Cannes (S-363650) - Gunio (N-870550) - Sevona (O-600400) - Nice (S-580800)
- (4) Aix (T-515420) - Sisteron (O-880170).

b. After arrival on airfields in "ANVIL"

- (1) Marseilles (T-460160) - Arles (S-850550) - Avignon (S-980865) - Marseilles (T-460160).
- (2) Arles (S-850550) - Toulouse (Q-280450) - Rodez (N-190285) - Ales (N-395040) - Avignon (S-980865)
- (3) Avignon (S-980865) - St. Etienne (X-610510) - Lyon (X-950880) - Grenoble (J-660260) - Sisteron (O-880170).

9. The following night intruder routes will continue in force until the fall of TOULON:

- a. Cannes (S-363650) - Digne (P-125065) - Gap (O-975575) - Aspremont (O-695490) - Digne (P-125065) - Nice (S-580800).  
8 sorties during hours of darkness.

- b. Toulon (Y-920980) - Brignoles (U-015295) - Aix (T-515420) -  
Porcalquier (T-760900) - Avignon (S-980865) - Nimes (S-630735) -  
Marseilles (T-460150).  
8 sorties during hours of darkness.
- c. Toulon (Y-920980) - Aix (T-515420) - Avignon (S-980865) -  
Montelimar (N-925540) - Tarascon (S-870690) - Aix (T-515420) -  
Toulon (Y-920980).  
8 sorties during hours of darkness.
- d. Nice (S-580800) - Torino (J-030270) - Allessandra (J-760060) -  
Savona (O-600400).  
6 sorties during hours of darkness.
- e. Coast road from Savona (O-600400) to Nice (S-580800)  
2 sorties during hours of darkness.

10. Summary:

- a. The implementation of this phase will involve approximately:

Heavy Bomber Group missions as required - 15th Air Force

7 to 14 Medium Bomber Group Missions - ILLTF

600 Fighter-Bomber Sorties - XII TAC

32 Night Intruder Sorties - XII TAC

Fighter and Fighter Escort sorties as required - XII TAC

b. Considerable flexibility to meet changes in enemy disposition or the tactical situation is retained through the method of scheduling Fighter-Bomber effort.

By command of MAJOR GENERAL PATCH:

A. A. WHITE,  
Brigadier General, GSC,  
Chief of Staff.

OFFICIAL:

*John S. Guthrie*  
JOHN S. GUTHRIE, *J.B.*  
Colonel, GSC,  
A. C. ofS., G-3.

HEADQUARTERS SEVENTH ARMY  
A. P. O. # 758ANNEX NO. 6  
TO FIELD ORDER NO. 1, ANVIL

24 July 1944

SIGNAL ORDERS

Maps: South of 44 degrees north and east of 2 degrees east, 1/25,000, GSGS 4411.  
FRANCE, 1/50,000, GSGS 4471.  
FRANCE, 1/100,000, GSGS 4249.  
FRANCE, road maps, 1/200,000, GSGS 4238.  
FRANCE, 1/250,000, GSGS 2738.  
Target Area Beach Panoramas.  
All important towns south of 47 degrees, town plans.  
Touring guide for southern FRANCE, throughway town plans.  
Collation maps, 1/25,000.  
EUROPE, 1/1,000,000, GSGS 2758.  
EUROPE, 1/4,000,000, GSGS 2957.

1. a. The Seventh Army, consisting of the VI U.S. Corps, II French Corps, 1st Airborne Task Force; and attached troops, supported by the Naval Western Task Force, and by the XII Tactical Air Command, will move by sea to seize and occupy a beach-head east of TOULON as a base for the assault and capture of TOULON.
- b. Initial seaborne assault by the VI U.S. Corps consisting of the 3d, 45th, and 36th U.S. Infantry Divisions. The 1st Airborne Task Force will support the operation by airborne assault prior to H Hour.
- c. (1) Initial Command Posts.
  - (a) Seventh Army:
    - (1) Afloat: U.S.S. HENRICO (Command Post).  
U.S.S. CATOCTIN (Advance Command Post).
    - (2) Ashore: Vicinity of ST TROPEZ.
  - (b) II Corps:
    - (1) Afloat: S.S. BATORY (LSP).
    - (2) Ashore: Vicinity COGOLIN.
  - (c) VI Corps:
    - (1) Afloat: U.S.S. CATOCTIN.
    - (2) Ashore: Vicinity STE MAXIME.
- (2) Axes of Signal Communication:
  - (a) Seventh Army: ST TROPEZ - TOULON.
  - (b) II Corps: COGOLIN - LA LONDE - TOULON.
  - (c) VI Corps: STE MAXIME - LE LUC - BRIGNOLES.
- d. Existing communication facilities which may be available in enemy territory are listed in Inclosures to these Signal Orders as follows:

Radio -- Inclosure No. 2 to Annex No. 6, Field Order No. 1, ANVIL  
Wire -- Inclosure No. 3 to Annex No. 6, Field Order No. 1, ANVIL  
Power -- Inclosure No. 4 to Annex No. 6, Field Order No. 1, ANVIL

2. a. Signal units listed in Inclosure No. 1 to this Annex will provide communication for Seventh Army afloat and ashore in accordance with AFHQ Signal Instructions and Seventh Army SOI and SOP as modified by this Signal Order. Communication between shipping and landing craft during the assault is under Navy jurisdiction.

3. Seventh Army Signal Units will be employed as follows:

- a. U. S. Units

- (1) The 117th Signal R.I. Company (less Detachment A) in conjunction with Detachment B 849th Signal Intelligence Service will intercept enemy radio traffic and locate enemy radio transmitters under the supervision of the Seventh Army G-2.
- (2) Detachment B, 849th Signal Intelligence Service will forward to Seventh Army G-2 all intelligence derived from operations of the 117th Radio Intelligence Company (less Detachment A).
- (3) 207th Signal Depot Company will provide three (3) Storage and Issue Sections, attached to the Beach Control Group, for operation of Signal Supply activities of three beach dumps. The remainder of the Company will establish a Signal depot in the vicinity of the main port as instructed by the Signal Officer, Seventh Army.
- (4) 206th Signal Depot Company will assist the 207th Signal Depot Company in the establishment of the main Signal depot.
- (5) 590th Signal Depot Company on arrival in assault area will report to the Signal Officer, Seventh Army for instructions.
- (6) 177th Signal Repair Company will provide three Repair Teams attached to the Beach Control Group. These detachments, working with the Storage and Issue Sections of the 207th Signal Depot Company will repair Signal equipment received from troops or damaged in shipment. The remainder of the company will establish a Signal repair shop in the vicinity of the main Signal depot, and prepare to dispatch mobile repair teams as directed by Signal Officer, Seventh Army.
- (7) 163rd Signal Photographic Company, under direction of the Army Signal Officer and in accordance with existing AFHQ photographic policies, will provide photographic coverage for the Army.
- (8) 1st Signal Battalion will provide personnel to operate communications aboard the U.S.S. HENRICO and personnel to augment the permanent Signal Corps Detachment aboard the U.S.S. CATOCTIN while the Seventh Army CP is afloat. Upon arrival in the target area, the 1st Signal Battalion will install, operate and maintain the Communication system of Seventh Army Headquarters.
- (9) 28th Signal Construction Battalion will rehabilitate open wire circuits, establish necessary oil pipe line circuits, and establish any needed railroad circuits in the target area.
- (10) 27th Signal Construction Battalion will report to the Signal Officer, Seventh Army for instructions on construction, rehabilitation, and maintenance of fixed wire system.
- (11) 71st Signal Company, Special will install, operate, and maintain communications system as directed by the Signal Officer, CAMEL Beach Group.
- (12) 72nd Signal Company, Special will install, operate, and maintain communication system as directed by the Signal Officer, ALPHA Beach Group.

- (13) 74th Signal Company, Special, will install, operate, and maintain communication system as directed by the Signal Officer DELTA Beach Group.
- (14) 226th Signal Operations Company will install, operate, and maintain communications as directed by Commanding Officer, Beach Control Group. Upon release from Beach Control Group, estimated at D plus 30, this unit will operate communications of Rear Echelon, Headquarters Seventh Army.
- (15) 250th Signal Operations Company will operate Base communications installations as directed by the Base Signal Officer.
- (16) 248th Signal Operations Company initially will install, operate, and maintain wire communications as directed by the Signal Officer, Seventh Army, and later as directed by the Base Signal Officer.
- (17) 239th Signal Operations Company initially will operate communications system for Rear Echelon and Near Shore Control, Seventh Army prior to D Day. Upon arrival in the target area this unit will operate fixed plant in MARSEILLES until replaced by 250 Signal Operation Company.
- (18) 814th Signal Service Company (Port) on arrival in target area will report to Signal Officer, Seventh Army for instructions on installation, operation, and maintenance of port communications.
- (19) 994th Signal Service Company (Port) on arrival in target area will report to Signal Officer, Seventh Army for instructions on installation, operation, and maintenance of port communications.
- (20) 982nd Radio Service Company will furnish a detachment to assist the 1st Signal Battalion in providing radio communication afloat and ashore during the assault phase. In addition, one SCR-299 team will be attached to 163rd Signal Photo Company and one SCR-299 team to rear echelon, 1st Airborne Task Force. The remainder of the company will move as a unit to the target area and report to Signal Officer, Seventh Army for instructions.
- (21) 2650th Radio Relay Company on arrival in the target area will report to Signal Officer, Seventh Army for instructions.
- (22) 6681st Pigeon Company, Detachment, on arrival in the target area will report to Signal Officer, Seventh Army for instructions.
- (23) First Signal Center Team, attached to VI Corps, will provide Signal Center liaison as directed by VI Corps Signal Officer.
- (24) Fifth Signal Center Team on arrival in the target area will report to Signal Officer, Seventh Army for instructions.
- (25) 6759th Signal Detachment, Overhead, will provide communications for U. S. Liaison Group at French I Corps.
- (26) 6693rd Signal Detachment, Overhead, will provide communications for U. S. Liaison Group at French II Corps.
- (27) 72nd Liaison Squadron (less one Flight) will provide air messenger service for Seventh Army.
- (28) 3151st Signal Information and Monitoring Company, operating in Detachments, will monitor friendly Corps and Division radio nets for tactical information and violations of Signal Security. Tactical information so obtained will be transmitted by radio for the information of G-3 of all units with which SIAM detachments are operating. Violations of signal security will be reported to the Signal Officer of the unit to which attached, and to Signal Officer, Seventh Army.



- (29) 6737th Detachment, Inspection and Maintenance (Prov) upon arrival in the target area, will report to Signal Supply Officer, Seventh Army for instructions.
- (30) Detachment, 1st Type C Platoon, Signal Photo Mail Company (B) will process v-mail under the supervision of Postal Officer, Seventh Army.
- (31) ADLS Detachment, ADLS Service, AFHQ, attached to 1st Signal Battalion will provide ADLS service as directed by Signal Officer, Seventh Army.

b. French Units

- (1) 61st Signal Battalion will construct, operate, and maintain II French Corps communications as directed by II French Corps Signal Officer.
- (2) 66th Signal Battalion will construct, operate, and maintain French I Corps communications as directed by I Corps Signal Officer.
- (3) 806th Signal Construction Battalion on arrival in target area will report to Signal Officer, II French Corps for instructions.
- (4) 826th Signal Construction Battalion on arrival in target area will report to Signal Officer, II French Corps.
- (5) 812th Signal Construction Battalion on arrival in target area will report to Signal Officer, II French Corps.
- (6) 808th Signal Radio Intelligence Platoon and 838th Signal Radio Intelligence Company will locate enemy radio transmitters by radio goniometry, will intercept enemy radio transmitters, and will forward all intelligence so obtained to G-2, II French Corps.
- (7) 841st Signal Depot Company initially will provide one (1) Storage and Issue Section to accompany and perform Signal Supply service for the 1st Infantry Division (Fr) and one Storage and Issue Section to accompany and perform Signal Supply service for the 3d Algerian Infantry Division (Fr). These sections will be withdrawn later to establish Army Supply Points as directed by Signal Officer, Seventh Army. The remainder of this company will assist in the establishment of a Signal Depot in the vicinity of the main port as directed by Signal Officer, Seventh Army.
- (8) 842nd Signal Depot Company on arrival in the target area will report to Signal Officer, Seventh Army for instructions.
- (9) 810th Signal Repair Company will provide two (2) Repair Detachments, each composed of two (2) Radio Repair Teams and one (1) Wire Repair Team, to be attached one (1) each to the 1st Infantry Division (Fr) and the 3d Algerian Infantry Division (Fr). These Repair Detachments initially will work with the Storage and Issue Sections of the 841st Signal Depot Company in repairing damaged Signal equipment received from troops or damaged in shipment. These Repair Detachments will be withdrawn and returned to their parent organization when normal supply and repair facilities are established. The remainder of the Company on arrival in the target area will proceed to the vicinity of the main port to assist in the establishment of a Signal Repair shop. They will report to Signal Officer, Seventh Army for detailed instructions.

- (10) 830th Signal Repair Company on arrival in the target area will proceed to the Signal Repair Shop in the vicinity of the main port and will report immediately to Signal Officer, Seventh Army for detailed instructions.
- (11) The following units on arrival in target area will report to Signal Officer, II French Corps:

837 Signal Pigeon Platoon  
 807/1 Signal Operations Company  
 827/1 Signal Operations Company  
 839 Signal Installations Company  
 829 Signal Installations Company  
 809 Signal Installations Company

- 3x (1) Message Centers and Air Messengers - See Message Center and Air Messenger Plan, Inclosure No. 8 to these Signal Orders.
- (2) Radio Communications - See Radio Plan, Inclosure No. 5 to these Signal Orders.
- (3) Visual Communication - See current Seventh Army Signal Operation Instructions.
- (4) Wire Communication - See Wire Plan, Inclosure No. 6 to these Signal Orders.
- (5) Cryptographic Instructions - See Cryptographic Plan, Inclosure No. 7 to these Signal Orders.
- (6) Photographic Service - Photographic detachments will cover U.S. and French divisions and higher units. Photographic personnel will carry official War Photographer identification cards. Commanders will allow official photographers complete freedom of movement, and will render all possible assistance to them in the performance of their assigned duties.

#### 4. Signal Supply Service

##### a. Signal Storage, Issue, and Requisition.

- (1) A Signal Depot will be established in the target area initially under control of Signal Officer, Seventh Army, and later under control of Signal Officer, Base Section. It is the responsibility of the controlling officer to distribute Signal supplies forward to Army Depots which in turn will distribute Signal supplies to forward Army Supply Points for both U. S. and French Armies, Corps, and Divisions.
- (2) Requisitions will be submitted thru Supply channels direct to Supply Points with a copy of each to Signal Officer, Seventh Army.
- (3) Signal equipment and supplies peculiar to the Air Force will be the responsibility of XII Air Force Service Command.

##### b. Signal Repair (Maintenance)

- (1) First and second echelon maintenance for U.S. and French units will be the responsibility of using units.
- (2) Succeeding echelons of maintenance will be performed by Signal Repair and Depot Companies.

- (3) Maintenance of communications equipment issued to Air Forces will be an Air Force responsibility.
- (4) All units authorized echelon repair will draw and carry thirty (30) days supply of expendable spare parts prior to embarkation. No supply of such parts will be available for issue in the assault area until D + 30.

5. See Index No. 1 - 11 to Signal Operation Instructions, Seventh Army.

By Command of Major General PATCH:

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"DISTRIBUTION"

"Special" (75 copies) to Seventh Army Signal Section for distribution to Signal Units.

Complete distribution to accompany Field Order.

INCLOSURE NO. 1 TO ANNEX NO. 6, FIELD ORDER NO. 1 - ANVIL

SEVENTH ARMY SIGNAL TROOP LIST

U.S. SIGNAL UNITS

1st Signal Bn  
28 Sig Const Bn  
27 Sig Const Bn  
57 Sig Bn (Corps)  
71 Sig Co Spec  
72 Sig Co Spec  
74 Sig Co Spec  
117 Sig RI Co  
163 Sig Photo Co  
177 Sig Repair Co  
207 Sig Depot Co  
206 Sig Depot Co  
590 Sig Depot Co  
226 Sig Opn Co  
250 Sig Cpn Co  
248 Sig Opn Co  
239 Sig Opn Co  
814 Sig Serv Co Port  
994 Sig Serv Co Port  
982 Sig Serv Co Radio (less Det)  
2650 Radio Relay Sta (Prov)  
Det 6681 Sig Pigeon Co  
3151 Sig Monitoring Co  
6737 Sig Insp and Maint Det (Prov)  
1 Sig Center Team (Fr)  
5 Sig Center Team (Fr)  
6759 Sig Det Overhead  
6693 Sig Det Overhead  
849 SIS Det (Type A Ger)  
3201 Sig Intel Det (Type B Ger)  
Det 1st Type C Plat Sig Photo Mail Co  
72 Liaison Sqdn (less 1 Flight)

FRENCH SIGNAL UNITS

61st Corps Sig Bn  
66th Corps Sig Bn  
806th Sig Const Bn  
826th Sig Const Bn  
812th Sig Const Bn  
837th Sig Pig Plat  
838th Sig RI Co  
808th Sig RI Plat  
807/1 Sig Opn Co  
827/1 Sig Opn Co  
810th Sig Rep Co  
830th Sig Rep Co  
841st Sig Dep Co  
842nd Sig Dep Co  
839th Sig Inst Co (Tg)  
829th Sig Inst Co (Tg)  
809th Sig Inst Co (Tg)

INCLOSURE NO. 1

INCLOSURE NO. 2 TO ANNEX NO. 6, FIELD ORDER NO. 1 - ANVIL

ENEMY FIXED RADIO STATIONS

All map sheet numbers and coordinates refer to map GSGS-4040B unless otherwise noted.

Place: On a high point on Cap d'Armes on the S.Coast of Ile de Porquerolles.  
 Details: A lighthouse consisting of a tower standing on a square building.  
 No masts or aerial arrays can be seen.

Place: 1 mile N.E. of the center of Hyerres; S.W. of the Golf Hotel.  
 Position: 248SW - 096995.  
 Details: Radio-telegraph station. Two antenna masts.

Place: Three miles due E. of Hyerres.  
 Position: 248SW. Grid refs. I 134984 II 132983.  
 Details: Radio-telegraph station.

Place: Viet. Two and one half miles N. of Hyerres.  
 Position: 248NW - 083026.  
 Details: Radio-telegraph stations. Two sixty foot masts. Personnel consists of two officers and twenty-five men.

Position: 239078 - 247079 map XXXIV-45. Map of Southeast FRANCE, 1/50,000.  
 Details: Six towers. Possibly radio or radar.

Position: 979968 map XXXIII-46 384. Map of Southeast FRANCE, 1/50,000.  
 Details: Probable radar apparatus.

Place: Toulon/La Cran.  
 Details: Radio-telegraph station. 31 antenna masts from 55 to 800 feet in height are in use. Several buildings. Transmitters communicating with submarines. In German hands since 27 November 1942.

Place: Toulon. In the Marine Prefecture, Place d'Armes.  
 Details: Radio-telegraph. Central receiving and transmitting with remote control of the transmitters at Mourillon and La Cran. In German hands since 27 November 1942.

Place: Toulon. On the quay of submarine boat station N. of the canal du Mourillon.  
 Details: Radio-telegraph station. Has been the main naval, short, medium and long wave transmitting station for many years. Remotely controlled from the Marine Prefecture or from Fort Lamalgue. Three self supporting masts 224' high. Operating buildings are in a walled enclosure between the masts. In German hands since 27 November 1942.

Place: Toulon. At Fort Lamalgue.  
 Position: 248SW - 937966.  
 Details: Radio-telegraph station. Intended as a substitute station for the one at the Marine Prefecture. In German hands since 27 November 1942.

Place: Toulon. At N.E. end of the battery on the Pointe de Pipady S. of Toulon.  
 Position: 248SW - 926958.  
 Details: One lattice mast and one building. Described as "Radio goniometrique de la Mitre". Controlled from Fort Lamalgue.

Place: Cepet. Transmitters 400 yards E. of the St. Mandrier aeradio station. Receivers S. of Cape Cepet.  
 Position: Transmitters 248SW - 932930. Receivers 939921.  
 Details: Radio-telegraph, CW and MCW. D/F Station (maritime).

INCLOSURE NO. 2

- 1 -

Place: St Raphael/Frejus. On the road passing the "Lanterne d'Auguste" leading to the Frejus beach promenade almost opposite the water-distilling plant.

Position: 237SW - 578346.

Details: Radio-telegraph. Probably operated from a square shaped house near a 30' aerial. The house is connected to the seaplane base by an overhead wire.

Place: St Henri; at a place called La Bie (not shown on map); just SW of St Henri.

Position: Approximately 235SW - 428220.

Details: Radio-telegraph station. No details.

Place: Aix-En-Provence on the Boul. Zola in the NE part of the town, in a former school.

Details: Radio-telegraph station. Naval CP or Hq.

Place: Aix-En-Provence. At Pignonnet, in the S.W. outskirts of Aix, just behind the asylum, on the roof of which Red Crosses have been painted.

Position: 235NW - 508404.

Place: At a place called Les Platrieres, 2 miles N.N.W. of Aix, on the road to Avignon.

Position: 235NW - 498438.

Details: Both stations probably S.W. with 30 KW input power available. The second station is barbed-wire enclosed and under constant guard.

Place: Cap Camarat.

Position: 248E - 525093.

Details: Coast watcher radar. Within an emplacement near the lighthouse and Semaphore station on the cape.

Place: Toulon. 100 yards S.W. of lighthouse at Pte. Rascas, on peninsula 3 miles south of Toulon.

Position: 248SW - 938917.

Details: Possible radar of coast watcher or Freya type. On high point of land, 150' - 200' above sea level, steep slopes toward the sea. About 300 yards S.W. of the battery Haute du Cap Cepet. Heavily defended. At immediate site there is a light 3-gun battery and a 4-gun c/d battery.

Position: 915918 map XXXIII-46 586.

Details: Radar coast-watcher.

Position: 888921 map XXXIII-46 586.

Details: RGL with the DP battery,

Position: 868892 map XXXIII-46 586.

Details: Probable radar. Two buildings with station.

Position: 935931 map XXXIII-46 7 & 8.

Details: Radar apparatus (Possible Wurzburg).

Place: La Ciotat. In a villa facing the sea, next to the "Mairie". Information from other sources reports a transmitting station on the highest hill at the back of the town.

Position: 247NE - 661025.

Details: Radio-telegraph station.

Place: St Vallier, 13 miles N.N.W. of Cannes.

Position: 225SW - 635654.

Details: Said to be a 5 KW transmitting station, supplied power from the station at La Siagne, and formerly used by the Italians for communications with Corsica.

INCLOSURE NO. 2

Place: Antibes in the area bounded by the stream "la Brague", the R.N. 7 from Antibes to Nice and the road branching off it and leading to Biot; 2 miles N. of Antibes.

Position: 237NW - 862568.

Details: Broadcasting station, PTT Nice-Cote d'Azur. Surrounded by barbed-wire and under constant guard. Three AA and three antitank guns to the N.W. at approximately 849582. Single mast 348' high with a small building at the foot. This building is connected by cable with a group of buildings.

Place: Antibes. On the plateau Fleuri (plateau Saint-Jean), 1 1/4 mile W.N.W. of the center of Antibes and 2 miles S.W. of the Nice-Cote d'Azur Broadcasting station.

Position: 237NW - 843541.

Details: Broadcasting station. Private; known as "Radio Mediterranee". 25 KW on 1321 KC's.

Place: Antibes at the seaplane base, immediately N. of Antibes, on the W. side of the harbour.

Position: Transmitting 237NW - 865541. D/F receiving 867546.

Details: Aeradio and D/F.

Place: Cagnes-Sur-Mer. Close to the shore 3/4 mile S.E. of Cagnes-Sur-Mer, 2 miles S.W. of St Laurent and about 600 yards N.E. of the mouth of the Cagnes river.

Position: 225SE - 887620.

Details: Radio-telegraph, MCW. Two 90' lattice masts 230' apart, small building between masts.

Place: Cagnes-Sur-Mer at the Chateau on the top of the hill on which Cagnes is situated.

Position: 225SE - 8763.

Details: Radio-telegraph and D/F. Stated to be a D/F array on the roof and a radio-telegraph transmitter and receiver in the cellar.

Place: One mile E.S.E. of Cagnes-Sur-Mer, 1 1/2 miles S.W. of St Laurent and 1 mile N.E. of the mouth of the Cagnes river.

Position: 225SE - 895626.

Details: Radio-telegraph. Single mast, large building with a tower capable of supporting one end of an antenna.

Place: Nice/La Californie. North of the road bounding the airfield located 3 1/2 miles S.W. of Nice, on the coast and about 1,000 yards S.E. of Route Nat. No. 7 and the main Cannes-Paris railway.

Position: 225SE - 933631.

Details: Radio-telegraph, German Air Force. Two dismountable aerials and apparatus in a small house just east of them.

Place: Marseille.

Position: On the top floor of the works of Lagier and Co. 2, Place General Ferrie. Just S.E. of the Gare du Prado.

Details: Probable jamming station. There are said to be 16, 500 W. transmitters with inefficient operators.

Place: Marseille, at the Filley barracks, 34 Montee de l'Observatoire. The Observatory is 3/4 mile W.N.W. of the Gare St Charles, in the N. part of the Zoological Gardens, just S.W. of an aqueduct.

Position: 247NW - 480163.

Details: Army radio-telegraph station. In May 1943 station was said to have been closed by the Italians and could be restored within an hour. A Mr. Delfosse, of unknown sentiments, residing at 210 Bvd. de la Corderie was stated to be acquainted with the installation. The Range was said to be 400 Km.

INCLOSURE NO. 2

Place: Marseille at the Villa l'Angelus in the Chemin Du Roucas Blanc.  
Position: 247NW - 458142 - 459124.  
Details: Stated to be a powerful radio-telegraph station. Important AA Hq in the Villa.

Place: Marseille on the Quai des Anglais, W. of the Bassin de la Gare Maritime.

Position: 247NW - 449172.

Details: Radio-telegraph (coastal?), 1 or 3 KW on 368-500 KC's. CW or MCW. Two 140' square-sectioned, tapering, lattice masts, 262' apart. Three buildings on the Quai are probably the operational buildings.

Place: Marseille/Realtort at the southern end of the Realtort reservoir, on the road from Aix-En-Provence to Marignane; about 20 Km NNE of Marseille.

Position: 235SW - 419334.

Details: Broadcasting station. 100 KW on 749 KC's. One tall square antenna mast, several buildings. Considerable installation equipment data is available.

Place: Marseille/Marignane 1/2 mile E. of Etand de Bolmon, 1/4 mile S.W. of Marignane.

Position: 335SW - 326279.

Details: Aeradio, D/F and Radio-beacon. 4 masts, laid out in the form of a diamond, with two buildings between the masts.

Place: Marseille/Marignane.

Position: 235 SW - 328313.

Details: A single tapering lattice mast within a walled enclosure with a 28' square camouflaged building. A former French radio-telegraph station. The Germans have installed a radio-telegraph and D/F station 300 yards to the E.N.E.

Place: Sospel.

Position: 225 NE. a. 088885, 1 mile W. of Sospel. b. 065877, Col de Brans. c. At pointe de 3 Communes - 8 1/2 miles N. of Sospel. d. Approximately 0494 - at Peira Cava.

Details: These stations were manned by Italians; it is not known whether they are still in existence.

Place: Cap Martin at the semaphore station.

Position: 225SE - 144741.

Details: Naval personnel of 20 including 6 radio-telegraph operators (short-wave). Transmitter said to be at Mont Agel.

Place: Marseille. Within the Fort at Mont Rose, 4 1/2 miles SSW of Marseille.

Position: Pin point not given.

Details: Radar station with adjacent Giant Wurzburg 45 yards S.W.

INCLOSURE NO. 2

- 4 -



INCLOSURE NO. 3 TO ANNEX NO. 6, FIELD ORDER NO. 1 - ANVIL

ENEMY WIRE COMMUNICATIONS

1. General

a. The whole of the civil telephone and telegraph system in FRANCE is under the control of the State and administered by the Ministère des Postes, Telegraphes et Téléphones, now called the Ministry of Communications.

b. The Telephone and Telegraph networks are almost identical and almost every commune has both services.

c. Southern FRANCE before its occupation had extensive communication facilities. The Germans have supplemented these but information is slight.

d. There are approximately 13,000 km. of underground cables now in FRANCE. Some of the later developments were the result of demands made by the French general staff and of work carried out by the Germans to build up the defense system.

e. Military personnel are on guard at all the various telephone and telegraph systems. It can be assumed that these guards are also trained in the destruction of the equipment and that extensive damage can be anticipated.

f. The enemy is known to make special efforts to mine and booby-trap communication equipment, so extra precautions must be taken to prevent casualties to personnel from these agencies.

2. Telephone Exchanges

a. Equipment

(1) Over half the exchanges in FRANCE are manual, of central battery and magneto types, but these have less than half the subscribers. There are also many rural dial and semi-automatic exchanges. Both manual and semi-automatic centrals may use magneto telephones. Most semi-automatics are of Thomson-Houston make. Automatic exchanges used widely in southern FRANCE are largely of the R-6 type, employing a single-motion ratchet driven switch. Le Materiel Telephonique (IMT), an ITT subsidiary, has supplied much of the telephone and other equipment used in France. In addition there are R.7-A rotary type systems, R.7-D rotary type systems, and a few Strowger systems being used.

b. Organization

The inter-urban telephone network is organized into several classes of bureaus: centers of transit, of distribution, of groups, and the local bureaus. The local bureau connects its own subscribers with each other, with the group center, and perhaps directly with another bureau. The group center makes trunk connections for all communications in the zone it serves, with the exception of calls exchanged directly by local bureaus. The distribution center is intermediary between the group center and the transit center, and is often lacking. There are about thirty centers of transit in FRANCE, of which five are key centers of transit: PARIS, LYON, MARSEILLE, BORDEAUX, and STRASBOURG. The key centers are all connected by direct trunk circuits: a center of transit can reach any other by direct special circuit, or through a single key transit center.

c. Automatic Exchanges

The cities listed below have either local automatic or rural automatic

INCLOSURE NO. 3

- 1 -

exchanges. Information is not available for those cities not listed.

City	Location of Exchange	Type	No. of lines
Agen	Blvd Scaliger. 200 M. W. of Repeater station	R6	_____
Antibes	PTT Bldg, rue Lacan & Blvd Paul Doumer	R6	_____
Beziers	_____	R6	_____
Cannes	_____	R6	_____
Carcassonne	1st floor, Hotel des Postes, rue de la Prefecture	R6	1,500
Clermont-Ferrand	2d floor, Place Delille (probably) in the Mairie, Place Formige	R6	_____
Grasse	Hotel des Postes, Place Ossola	_____	_____
Hyerres	_____	R6	_____
Limoges	Rue Edouard Vaillant	R6	_____
Lyons (6 auto exchs)			
(1) Burdeau	Rue Burdeau	R6	10,000
(2) Franklin	Rue Franklin corner of Place Ampere	R6	6,500
(3) Lalande	Rue Lalande	R6	10,000
(4) Moncey	Rue Edison	R6	7,000
(5) Parmentier	Rue Edison	---	_____
(6) Villeurbanne	Ave Henri-Barbusse, Marseilles (5 auto exchs)		
(1) Colbert	Hotel Des Postes, rue Colbert	7A	11,500
(2) Dragon	_____	7A	9,000
(3) Lycee	_____	---	_____
(4) National	_____	---	_____
(5) Garibaldi	_____	---	_____
Monaco	Corner of rue Caroline & rue Crimaldi	R6	_____
Montpellier	52 rue de Toulouse, formerly ave G. Clemenceau	R6	3,000
Narbonne	Hotel des Postes, Blvd Gambetta	R6	_____
Nice (2 auto exchs)			
(1) Central	Hotel des Postes, ave Thiers & rue Gounod	R6	7,000
(2) Fabron	_____	R6	_____
Nimes	_____	R6	2,000
Perpignan	Hotel des Postes in the Quai de Barcelone	R6	_____
Roanne	_____	R6	_____
St Etienne	_____	R6	6,000
St Tropez	_____	R6	_____
Toulon	P.T.T. Bldg. rue Guiol (?)	R6	2,400
Toulouse (2 auto ex- changes)			
(1) Local automatic	Hotel des Postes, rue des Postes, between rue Remusat and rue Alsace Lorraine	R6	_____
(2) St. Aubin	PTT Bldg Blvd Riquet & rue des Ecoles	R6	_____
Vichy	Place de la Republique	R6	_____

d. Trunk Exchanges

City	Location of Exchanges	Size
Beziers	_____	40 pos., 300 ckts.
Cannes	_____	23 pos., 115 ckts.
Carcassonne	1st floor, Hotel des Postes, rue de la Prefecture	_____

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- 2 -

City	Location of Exchanges	Size
Clermont-Ferrand	2d floor, Place de Lille	46 pos., 390 ckts.
Limoges	rue Edouard Vaillant	34 pos., 250 ckts.
Lyons	rue Franklin corner of Place Ampere	
Marseille	Hotel des Postes, rue Colbert	56 positions
Montpellier	52 rue de Toulouse, formerly ave. G. Clemenceau	
Nice	Hotel des Postes, ave Thiers & Rue Gounod	
Perpignan	Hotel des Postes in the Quai de Barcelone	
Vichy	Place de la Republique	23 pos., 110 ckts.

e. Manual exchanges

There is no information available as to locations or details of equipment of manual exchanges.

f. German exchanges

The following telephone exchanges in the German military wire system are known to exist:

City	Location of Exchanges	Remarks
Agen	Hotel des Postes, ave Marechal Petain-formerly ave President Carnot	
Annecy	(1) Hotel Splendid (2) Hotel Carlton	
Arles	German Hq between Blvd des Lices & rue Emile Fassin	
Aubagne	1st floor, No. 21 in the square next to the tramway terminus	
Avignon	(1) Hotel Maitens, 81 rue Vernet (main Hq) (2) Hotel d'Angletene, 29 Blvd Raspail (3) Paul Lyon's Lingerie Shop in the rue du Vieux Sectiers (4) German Hq, Chateau Blanc.	Serves Aix, Orange & Avignon
Carcassonne	(1) No. 2 rue de Verdun (2) basement of the Hotel des Postes, rue de la Prefecture	
Frejus	(1) There are 12 telephone lines from the hotel rue Parc to Nice (2) Hotel Azur at the crossing of Frejus-St Maxime roads	Serves Frejus aerodrome & com- municates with Berlin
Grasse	In the Maison Bernard, quartier de Roquevignon	
Grenoble	Mil. Swbd in basement of PTT Bldg & an exchange at Caserne de Bonne	
Hyerres	(1) In the Vieux Chateau (2) In cellar of the Bar Palais, 5 Ave Marechal Petain	
La Palisse	Exchange about 100 m. out of the La Palisse on north side of road to Moulins	
Limoges	In the Uni Club corner of Blvd de Fleurus & the rue du 71 ere Mobile	

INCLOSURE NO. 3

City	Location of Exchanges	Remarks
Lyons	The German's use part of the "Moncey" automatic exchange	
Marseille	(1) German Hq at Hotel Province, 16 Cours Belsunce (2) Exchange at 117 Blvd Perier (3) Chateau at 16 Traversee Pomegues in Bonnevoine	Direct Telephone lines to Berlin & important occupied countries. German naval communications svc supply depot.
Note: The Colbert exchange will probably be destroyed in case of invasion and emergency exchanges have been prepared as follows: (1) Roucas Blanc in large Bldg near the Vierge de La Garde. (2) Hotel de L'Ermitage on the Corniche. (3) In the Rochos property at St. Antoine near the RR bridge over RNS.		
Martiques	(1) Hotel St. Anne (2) In Paradis, just outside Martiques	Wehrmacht Hq
Millan	PTT Bldg plus small exchanges at Hotel du Midi, Place de la Gare and at L'Hotel Terminus adjoining the station	
Montelimar	Hotel du Commerce	
Montfrin	Chateau de Montfrin	60 lines
Montpellier	Basement of the PTT Bldg	
Narbonne	In cellar behind Grand Hotel, Blvd Gambetta	
Nimes	(1) Basement of PTT Bldg (2) Hotel Imperator, rue Gaston Boissier	24 lines
Perpignan	Basement of the Hotel des Postes in the Quai de Barcelone	
Pont du Gard	1st Floor of L'Hotel Sud	
Privas	In the Kommandantur	25 lines
St Flour	In the gardens behind the offices of Place Alfred Bert	
Toulon	German Air Force Hq in the school in the rue Torkin	30 lines
Toulouse	Hotel des Postes, rue des Postes between rue Remusset and rue Alsace Lorraine	Direct lines to Marseille, Beziers, Montpellier, Lezignan, Cahors, Bordeaux and Foix.
Vichy	(1) Hotel Carlton, 26 rue du President Wilson (2) Hotel Majestic, 6 rue Petit (3) Hotel Radio, 15 rue Des Nations	

Note: Since the French Armistice a great many street names seem to have been changed. It cannot be guaranteed that the street names given are always the current ones.

### 3. Submarine Cables

Submarine cables exist between the points listed below:

#### a. MENTONE

- (1) Information of location of landing point not available.
- (2) One single core cable total length 85.629 nautical miles, to GENOA, Italy.

b. ANTIBES

- (1) Landing point, just north of Fort Carre. Landing is marked by two beacons painted with white and blue horizontal bases and surmounted by white discs.
- (2) One single core cable, total length 129 nautical miles, runs to S. FLORENT, Corsica.

c. CANNES - ILES DE LERINS

- (1) Two cables, one single core and one twin core, run from Pointe de la Croisette (south to Coudes) to ILE SAINTE MARGUERITE where they are landed just east of the Citadel. Beacons of the same type as in (b) above mark the landing points. The twin core cable is probably a telephone cable.
- (2) One single core cable runs from the south side of Ile Sainte Marguerite from a point about 300 yards west of the mast in Le Grand Jardin to ILE SAINTE HONORAT where it lands roughly in the center of the north shore. This is probably a telephone cable.

d. HYERES

- (1) One single core cable runs from Cap Benat at the eastern side of Rade d'Hyeres to ILE DU LEVANT where it is landed at Cap Laisset.
- (2) One single core cable runs from Cap Benat to ILE DE PORT CROS where it lands near Pointe de la Galere.
- (3) Three single core cables run from Points de la Tour Fondu on the south coast of Presquile de Ciens at the western side of Rade d'Hyeres to ILE DE PORQUEROLLES just east of Pointe Sainte Anne. One of these is probably a telephone cable.

e. TOULON

- (1) One single core cable runs from Sablottes Bay (S. of the Lazaretto of Toulon) to Ajaccio in Corsica. The landing in Sablottes Bay is marked by beacons on a bearing 024°.
- (2) This cable reported cut in August 1943.

f. MARSEILLE

- (1) The British cables are landed on Bonneveine beach approximately 500 yds s. of the mouth of L'Huveauni river. There is no hut on the beach as the cables are there connected to twin core cables which cross the road and run across the race course and Parc Borelli to the cable house at the N.W. corner of the Parc backing on to the river.

The following cables land here:

- (a) One single core to Barcelona. Recently reported Broken.
- (b) Two single core cables to Bone. Both cut.

Note: The engineer at the station reports that in addition to being cut at sea these three cables have been cut at the cable house and sealed off.

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(2) The French cables are landed at a point about 700 yds. north of the mouth of L'Huveauni river near the swimming pool on Plage du Prado. They consist of the following lines:

(a) Two single core cables to Oran.

(b) Three single core cables to Algiers. All three have been cut and African ends used to complete other Mediterranean links with Gibraltar and Malta.

(c) One single core cable to Stora (Philippeville).

(d) Three single core cables to Bizerta.

(3) (a) Two single core cables run from Anse Malmousque on the northern side of Pointe Endoume to Ile de Ratonneau where they are landed at Calanque de Ratonneau.

(b) Two single core cables also run from Anse des Auffes just NE of Anse Malmousque to the same spot on Ile de Ratonneau.

(c) One single core cable runs from Pointe Endoume to Carry, a village about  $4\frac{1}{2}$  miles E. of Cap Couronne.

(4) The following telephone cables probably exist also:

(a) Two cables from Pointe Encloume, one to Ile Chateau D'If and thence to Ile de Ratonneau the other to Ile de Pomegues where it lands SW of Pointe Courille.

(b) One cable from Anse des Catalans to Ile de Pomegues where it lands on the South shore of Port du Frioul.

NOTE ON THE MARSEILLE CABLES:

U. G. cables connect the cable hut, Roucasblanc, with the Central Telegraph Office, Colbert, where there are the following installations:

11 Baudot Multiplex

6 Baudot duplex voice frequency

Accumulator batteries type Hydra WMI are in a room adjoining that in which the Baudot installations are kept. There are 24 of these batteries: 12 50v. and 12 40v. The capacity of each accumulator battery is 30 AH over a discharge period of 1000 hours.

4. UNDERGROUND CABLES

(a) Local cables (subscribers lines) containing 1, 7, 14, 28, 56, 112, 224, 448, and 900 pairs are in use. Star quads are sometimes used in these networks

(b) Distribution cables over 3 km. long may be loaded. In cables 3 to 8 kms. the loading is continuous. When they are over 8 km. loading coils are used. Distribution cables carrying earth return telegraph circuits are always separate from those carrying the telephone circuits.

(c) Long Distance Cables.

(1) These cables are normally quad cables, coil loaded. They are in general, bound with tape armoring covered with 2 layers of impregnated jute and sprayed with tar. Where cable is pulled through conduit, wire armoring is used without the jute.

(2) Cables are always laid at the side of roads, buried to a depth of about 80 cm. and loading points and joints indicated by marking stones placed over them. Known cables are listed below:

ANGOULEME - LIMOGES 61 quads  
Repeater stations at Angouleme and Limoges.

BORDEAUX - TOULOUSE 71 quads  
Repeater stations at Toulouse and Agon.  
There is a derivation from this cable to Montauband. (Where there is a repeater station). This derivation consists of 19 quads.

TOULOUSE - DAX  
Section Toulouse - Cazeres 72 quads  
Section Cazeres - Pau 26 quads  
Repeater stations at Toulouse, Cazeres, and Montrejeau.  
There is a derivation from Montrejeau to Bagneres de Luchon, details as follows:

Section Montrejeau to Loures	28 quads
Section Loures to Cierp	14 quads
Section Cierp to Cazeaux	19 quads
Section Cazeaux to Bagneres de Luchon	28 quads
Branch cable from Cierp to Marignac (St Beat)	7 quads

PARIS - LYONS No. 1 111 quads  
Repeater station at Lyons

PARIS - LYONS No. 2 153 quads  
Repeater stations at Lyons, St. Sympherien and La Pallisse

LYONS - MARSEILLE No. 1 91 quads  
Repeater stations at Lyons, Valence, Le Pontet and Marseille.  
A cable of 71 quads links Le Pontet with Avignon.  
There are other derivations to the following places enroute: Vienne, St Vallier, Tain L'Ermitage, Loriol, Montelimar, Pierrelate, Orange, Noves, Orgon and Salon de Provence. These are probably 7 quad cable not loaded.

LYONS - MARSEILLE No. 2  
Section Lyons - Le Pontet 89 quads  
Section Le Pontet - Aix-en-Provence 73 quads  
Section Aix-en-Provence - Marseille 89 quads  
Repeater stations at Lyon, Roussillon, Valence, Donzeres, Le Pontet, Lambese and Marseille.  
There are derivations from the above cable to Vienne, S. Vallier, Tain, Lorcol, Montelimar, Orange, Cavaillon, and Luyes. These are probably 7 quad cables not loaded.

LE PONTET - PERPIGNON  
Section Le Pontet - Montpellier 89 quads  
Section Montpellier - Narbonne 89 quads  
Section Narbonne - Perpignan 72 quads  
Repeater stations at Le Pontet, Montpellier, Narbonne, and Perpignan.  
There are the following derivations from this cable:  
Nimes 40 quads  
Lunel 12 quads  
Sete 30 quads  
Beziers 48 quads  
Nissan 3 quads  
Coursan 2 quads

TOULOUSE - NARBONNE

Section Toulouse - Carcassonne 73 quads  
Section Carcassonne - Narbonne 73 quads

Repeater stations at Toulouse, Carcassonne and Narbonne.

There are the following derivations from the cables:

Gardouch	3 quads
Castelnaudary	12 quads
Marseillette	2 quads
Castelnau	4 quads
Argens	4 quads

LYONS - ST ETIENNE No. 1 19 quads

Derivation to:

Givors	12 quads
St Chamons	7 quads

LYONS - ST ETIENNE No. 2 41 quads

MARSEILLE - VENTIMIGLIA

Section Marseille - Cannes	75 quads
Section Cannes - Nice	91 quads
Section NICE - MONACO	75 quads
Section MONACO - VENTIMIGLIA	48 quads

Repeater stations at Marseille, Toulon, Vidauban and Cannes.

Derivations to:

Frejus	27 quads
St Raphael	12 quads
Antibes	27 quads
Cognes	12 quads
Cap d'Ail	12 quads
Beausoleil	12 quads
Roquebrune	12 quads

LYON - CHAMBERY - MODANE

Section Lyon - Les Abrets	128 quads
Section Les Abrets - Chambéry	128 quads
Section Chambéry - Modane	48 quads

Repeater stations at Lyon, Les Abrets, Aiguebelle and Modane.

This cable continues on to Turin, Derivation from Les Abretes-Grenoble - 48 quads

CHAMBERY - GENEVE

Section Chambéry - Annecy	91 quads
Section Annecy - Annemasse	91 quads
Section Annemasse - Geneve	48 quads

Repeater station at Annecy

Derivations at Aix-les-Bains and La Roche sur Foron - 7 quads each not loaded.

LA ROCHE sur FORON - CHAMONIX

Section La Roche sur Foron Bonneville	48 quads
Section Bonneville - Sallanches	37 quads
Section Sallanches - Chamonix	19 quads
Repeater station at Cluzes	
Derivation from Sallanches to Megeve	19 quads

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LA PALISSE - CLERMONT FERRAND  
Section La Pallisse - Vichy 89 quads  
Section Vichy - Riom 73 quads  
Section Riom - Clermont Ferrand 89 quads  
Repeater stations at La Palisse and Clermont Ferrand

CLERMONT - FERRAND - LIMOGES  
Section Clermont Ferrand - Laqueville 56 quads  
Section Laqueville - Ussel 43 quads  
Section Ussel - Limoges 43 quads  
Repeater stations at Clermont Ferrand, Ussel and Limoges.  
Derivations:  
Mont Dora 19 quads  
La Bourboule 7 quads

Complete technical data on all cables is available in Section C.  
Part I, M. I. 8/A/44/19.

#### 5. REPEATER STATIONS

(a) Repeater stations are situated 60 to 120 km apart along the cable routes. The repeater stations in Cap and Toulon are in the General Post Office and old general post office respectively and those in Lyons and Limoges in the telephone exchanges. All other repeater stations in the area are in separate buildings which are all of an easily recognizable type. They are rectangular, measuring about 24 x 13 m. and consist of a ground floor and first floor.

(b) In general, the Repeater equipment is of French manufacture. The technical data of all French repeater equipment is available in M. I. 8/A/44/19.

#### (c) Power

(1) Power is taken from the mains and is 115/200 volts, 3 phase 50 cycles. It is usually on high tension supply with a transformer near the repeater station. The converter is in the engine room of the station and provides the necessary direct current - generally 220 and 24 volts, sometimes 230 or 130 and 12 volts.

(2) There are accumulators so that the machines can stop either partially or altogether at night. The accumulators will keep the stations going for about 12 hours, if the mains fail. After that the emergency power plant which supplies a current similar to that of the mains supply would have to be used.

(d) The following is a list of the known repeater stations:

<u>NAME OF STATION</u>	<u>ADDRESS</u>
AGEN (Lot et Garonne)	65 Blvd Scaliger
AIGUEBELLE (Savoie)	In the Grande Rue
ANNECY (Haute Savoie)	7 Avenue de Geneve
CANNES (Alpes Maritimes)	27 Boulevard de la Source
CARCASSONNE (Aude)	Route de Toulouse
CAZERES (Haute Garonne)	Route de Polaminy
CLERMONT - FERRAND (Puy de Dome)	2 rue Cuvier (corner of Place des Bughes)
CLUSES (Haute Savoie)	Rue de Pont Neuf
DONZERE (Drome)	Route Nationale No. 541
GAP (Hautes Alpes)	Hotel des P.T.T. (1st floor rue Carnot)
LAMBESC (Bouches du Rhone)	Route Nationale, quartier St Roch

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<u>NAME OF STATION</u>	<u>ADDRESS</u>
LA PALISSE (Allier)	Route Nationale (en direction Vichy)
LA SOUTERRAINE (CREUSE)	Place called "L'Affut"
LE PONTET (Vaucluse)	Route Nationale, near the Marseilles-Lyon railway level crossing.
LES ABRETS (Isere)	Route de Lyon
LIMOGES (Haute Vienne)	Telephone exchange, 1st floor in rue Edouard Vaillant
LYONS (Rhône)	Telephone exchange, ground floor, 19 rue Franklin
MARSEILLE (Bouches de Rhône)	12 Boulevard de la Paix
MODANE (Savoie)	5 Rue Jules Ferry
MONTPELLIER (Herault)	46 Rue de Toulouse
MONTREJEAU (Haute Garonne)	Route de Toulouse
NARBONNE (Aude)	Avenue Anatole France
PERIGNAN (Pyrennes Orientales)	2 Rue Henri Bataille
TASSIN (Rhône)	118 Rue Victor Hugo
TOULON (Var)	Rue Hippolyte Duprat and corner of Rue Pastourear (old hotel des PTT, 1st floor)
TOULOUSE (Haute Garonne)	8 Boulevard Riquet
USSEL (Correze)	Avenue Carnot
VALENCE (Drome)	103 Avenue Maurice Faure
VIDAUBAN (Var)	Route Nationale

#### 6. Aerial Cable

There are no known aerial cables.

#### 7. Overhead Wire

(a) Wire lines in general follow standard French construction practices. Detailed and technical information regarding construction is shown in SOP and in MI 8/A/44/19.

(b) Overhead lines follow the railroads where practical, otherwise along main roads. PTT lines are built on one side of railway tracks while railway control and dispatch circuits are built on the other side.

(c) Local distribution circuits in urban areas are often overhead wire, with supporting structures attached to buildings. These circuits are not transposed and a pair is formed from two horizontal wires rather than the diagonal wires of a group as is the case in trunk lines.

(d) Overhead telegraph wires are on the same poles as telephone lines. Telegraph wires are placed on the outside pin positions, that is, on the side away from the rails or the road.

#### 8. Railroad Lines

a. Railroad circuits are always located on the opposite side of the tracks from the PTT routes.

b. Telephone communications on the railways, which are mostly electrified is good. Generating, distribution and sub-stations have ordinary telephone communication between each other. It is understood that there is a high frequency telephony system in use between generating and distribution stations.

c. Ordinary Morse telegraph instruments are in use but in recent years teleprinters have been replacing the older Morse instruments.

#### 9. Carrier Equipment

Carrier telephony is used for areas with heavy traffic. The following details are the only ones available:

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TOP SECRET - BIGOT ANVIL

Marseille - Nice

4 circuits between Marseilles and Nice were equipped with carrier telephony.

Circuits 1 and 2

Route: Via Toulon, les Arcs, St Raphael.

Wires: 3mm.

Armament: 30-40 cm.

U. G. Section: At Marseilles, 5.1 km in conductors of 1.5 mm. at Nice, 2km in conductors of 2.5 mm.

Equipment Installed: At Marseilles the equipment was installed in repeater station in the Blvd de la Prie. From there the circuits were prolonged in O. H. lines to the St Charles junction box, leaving only 600 m. of U. G. cable between carrier installations and junction box.

Number of channels: 4 on each circuit.

Nature of Equipment: Simplified system (called D) for using no terminal repeaters.

Carrier frequency: 10, 300 cps in each direction.

Power supply: accumulator batteries - at Marseilles the repeater station batteries were used.

Circuits 3 and 4

Route: Via Gardonne, Carnoules, les Arcs, Draguignan, Grasse.

Wires: 3 or 2 mm.

Armament: 20, 25, 30, or 40 cm.

U. G. Section: At Marseilles, 3.85 km, in conductors of 1.5 mm. At Nice as for Circuits 1 and 2.

Note: It is probable that these circuits are now carried in the cable Marseilles - Menton. As this is not known certainly, the foregoing details have been given.

AVIGNON-NARBONNE

A three channel system on 208 Km of 3 mm copper wire. In the direction A-B the 3 bands of transmitted frequency are between 5100 and 13900 cps. In the direction B-A there are between 16200 and 26000 cps.

Note: It is probable that this circuit also is now in the cable

Other Known Carrier Circuits

Aurillac - Clermont - Ferrand	1 (possibly 3) channels OH route
Aurillac - Limoges	2 channel (1 via Ussel, 1 via Souillac) OH route
Aurillac - Murat	1 channel OH route
Aurillac - Riom	2 channel OH route
Aurillac - Toulouse	1 channel OH route
Briancon - Grenoble	1 channel OH route
Clermont Ferrand - Gueret	1 channel OH route
Clermont Ferrand - Lyons	1 channel OH route
Clermont Ferrand - Montlucon	6 channel OH route
Clermont Ferrand - Rodez	1 channel OH route
Clermont Ferrand - St Gervais	1 channel OH route
Clermont Ferrand - Thiers	2 channels OH route
Clermont Ferrand - Vichy	6 channel OH route via Thiers
Clermont Ferrand - Vichy	1 channel OH route via Riom
Digne - Marseilles	1 channel
Gap - Grenoble	3 channel

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Other Known Carrier Circuits

Montpellier - Rodez	2 channels
Rodez - Toulouse	2 channels
St. Flour - Brioude	1 channel OH route
St. Flour - Murat	1 channel OH route
St. Flour - St Chely	1 channel OH route
Toulouse - Mazamet	1 channel OH route
Vichy - Riom	2 channels OH route

10. Power Supply

a. Power supply in FRANCE is quite varied and voltages are not standardized. Two of these are generally available in every town: a lower one for lighting, and a higher one for power. Most of the power is generated as three-phase 50-cycle alternating current however, southeastern FRANCE still uses 25 cycle AC. In some towns direct current is used. See Appendix D for detailed description of power supply.

b. Telephone carrier circuits have been developed on high voltages power transmission lines, Carriers are between 50 and 150 KC; the output is between 5 and 15 watts. The Givers-Monistrol-Eguzon line and extensions north and northwest are 220 KV; the lines along the Bay of Biscay and in the South and southwest, between 50 and 150 KV. The most important manufacturer of high voltage line equipment has been Thomson-Houston (since renamed Campagnie Generale de Constructions Telephoniques).

INCLOSURE NO. 4 TO ANNEX NO. 6, FIELD ORDER NO. 1 - ANVIL

LOCAL POWER SUPPLY IN SOUTHERN FRANCE

1. Hydro-electric resources:

a. About 90% of the hydro-electric plants in FRANCE is located south of a line extending roughly from La Rochelle to Geneva. These plants are linked to the thermal plants in the north by a high tension grid system of 150 and 220 kv.

b. The hydro-electric plants in the south are concentrated in three areas:

(1) Alps: The Alps system is glacier fed and experiences a marked shortage of water in the winter. Minimum capacity during the "dry" season is less than 50% of maximum capacity. Its minimum load is carried in February, its maximum load during May through July.

(2) The Massif central: Experiences its low water period during the summer; the capacity in August is only about 20% of capacity in March.

(3) The Pyrenees: Share the characteristics both of the Alps and the Massif central. Peak capacity is obtained in June, with minor peaks in October and December; the lowest period occurs in January and February when capacity is about 40% of the peak, followed by another low period in August and September. Large reservoirs store water for use by hydro stations during the dry periods, but due to the limited amount of storage capacity, the plants in most areas are run on light load during the dry period. Heavy consuming centers are therefore linked to more than one generating area, e.g., Lyn-St Etienne receives power from both the Alps and the Massif central. In general however, the dry season of one is compensated by the wet season of another.

2. a. In 1941 total French electric power output amounted to 18,000 million kwh, of which 11,500 million kwh was hydro-generated. The poorest district as far as power is concerned is the Mediterranean area between Marseille and Nice (25 cycle current rather than the prevailing 50 cycle current) where the number of generating stations is small and the district is isolated from the rest of the French network.

b. All the important hydro stations except Kembs on the Rhine (installed capacity 115,000 kw) and Eguzon on the Creuse (installed capacity 64,000 kw) are located in southern FRANCE. In addition there are many hydro plants of under 5,000 kw capacity which form an additional source of supply for local needs.

3. Sub-stations:

a. These are especially important in a country like FRANCE, where power is often consumed far from the point of origin; their importance has been accentuated since the collapse of FRANCE because of the lack of imported coal and the steady fall in French coal production has meant increasing dependence on hydro supplies.

4. Peculiarities of the southern FRANCE network:

a. The west coast is supplied by the 150 kv line running up the western seaboard, carrying Pyrenees power transmitted through Jurancon and Lannemazan.

b. The 25 cycle line Lingostiere-Bancairon-Ste Tulle-Gavotte, serving the south east corner of FRANCE, appears to be no longer isolated from the rest of the French grid, but can receive power from the Massif central.

c. Conversion from 50 cycles to 25 cycles probably takes place either at the transformer station of Septemes, just north of Cape Pinede generating plant, or at the substation adjoining the old Arenc steam plant. Septemes is equipped with 150/35 kv transformers. It is fed by a 150 kv line from the Massif central (Monistrol) and one of the same voltage from the Pyrenees (St. Victor) which meet at Venejan (Bagnols-sur-Ceze). From here a line at 150 kv runs southeast to Septemes. An underground cable 10 km long between Septemes and Arenc completes the connection to the 25 cycle line, Lingostiere-Bancairon-Tulle-Gavotte.

d. The Germans have been experimenting with 580 kv and it is possible that some lines may have this voltage.

5. Local electricity:

a. Southern FRANCE is almost completely electrified. Almost all French electricity is generated as three-phase, 50-cycle, alternating current, which is practically universal for house to house supplies. Southeastern FRANCE, which is roughly the area served by the line Gavotte-Sainte-Tulle-Bancairon-Lingostiere, still uses 25-cycle AC. In some towns, direct current obtained from alternating current by use of mercury-arc rectifiers, is used; other localities use both AC and DC. Voltages are not standardized, two of these are generally available in every town, a lower one for lighting and a higher one for power. Industrial enterprises purchasing bulk power ordinarily use high voltages such as 5,000 and above. Transforming or rectifying, if either is necessary, is carried on within the factory area with factory owned equipment.

b. In spite of new construction, all FRANCE is suffering from a power shortage, due to drought conditions. The Ministry of production has issued stringent new measures for conservation of power.

6. Important substations:

BAY OF BISCAY

Name:

Type:

Pessac

Open air transforming and switching.

Dax

Same.

SPANISH BORDER

Jurancon

Switching.

Lanemezan

Open air transformer.

REST OF SOUTHERN FRANCE

Rueyres

Switching.

St Victor

Transformer.

Mareges (la Mole)

Same.

Fleac

Same.

Eguzon

Open air transformer.

Bagnols-sur-Ceze

Transformer.

Venejan

Portet-St Simon

Transformer.

Monistrol D'Allier

Transformer.

Venissieux

Transformer.

La Riviere

Transformer.

7. Power stations, southern FRANCE:

BAY OF BISCAY

<u>Name:</u>	<u>Type:</u>	<u>Capacity kw</u>
Bacalon	Thermal	19,200
Floirac	"	52,000
Hostens	"	25,000

SPANISH BORDER

<u>Name:</u>	<u>Type:</u>	<u>Capacity kw:</u>
Auzat	Hydro	19,000
Lacourt	"	5,400
Mercus	"	5,700
Orlu	"	12,250
Sabart	"	25,200
Artouste	"	19,200
Baralet	"	8,400
Centrale Thermique de L'Adour	"	20,000
Hourat	"	32,000
Licq Atherey	"	8,250
Miegebat	"	32,000
Eygun-Lescun	"	21,200
Camon	"	16,800
Eylie	"	27,000
La Gentille	"	5,000
Luchon (Lac Do)	"	26,800
Pique-Inferieure	"	6,400
Pique-Superieure	"	8,800
Pointis de Riviere	"	7,100
Saint Sernin	"	5,000
Valentine	"	9,600
Beyrede	"	9,000
Borderes	"	6,400
Eget	"	24,500
Esterre	"	14,400
Lassoula	"	10,800
Lau-Balagnas	"	16,000
Loudenvielle	"	9,000
Luz	"	26,400
Saint-Lary	"	15,200
Soulom	"	14,500
Tramezaygues	"	15,600

MEDITERRANEAN COAST POWER STATIONS

Le Banacairon	Hydro	44,000
Breil	"	8,800
Fontan	"	7,000
Lingostiere	Thermal	60,000
Saint-Cezaire	Hydro	8,400
Escouloubre	"	9,500
Gesse	"	5,600
Pont-Neuf	Thermal	6,200
Arenc	"	6,200
Cap Pinede	"	91,500
La Grand' Combe	"	35,000
Molieres	"	10,000
Rochebelle	"	15,000
Le Bousquet D'Orb	"	12,000

INCLOSURE NO. 4

MEDITERRANEAN COAST POWER STATIONS

<u>Name:</u>	<u>Type:</u>	<u>Capacity kw:</u>
Missiessy	Thermal	8,000
La Loubiere	"	10,000

POWER STATIONS FOR THE REST OF S. FRANCE

Chancy-Pougny	Hydro	28,000
Cize-Bolozon	"	20,400
Coupy	"	10,000
Eloise	"	8,200
Le Teil	Thermal	6,400
La Farge	"	5,200
Brommat	Hydro	165,000
Lacaze	Thermal	9,000
La Jourdanie	Hydro	7,800
Pinet	"	40,000
Sarrana	"	102,000
Truel	"	5,000
Viviez	Thermal	5,500
La Brillanne	Hydro	10,800
La Largue	"	7,200
Le Poet	"	21,800
Sainte Tulle	Thermal	96,000
Sainte Tulle	Hydro	40,000
Ventavon	"	30,000
Coindre	"	24,000
La Mativie	"	29,000
L'Hopital (Ydes)	Thermal	8,000
Mareges	Hydro	132,000
Bar	"	5,000
Lavel de Cere	"	29,000
Saillant	"	7,500
Val Beneyte	"	29,000
Eguzon	"	64,000
La Roche-au-Moine	"	9,000
Chatelus-le-Marcheix	"	8,000
La Chatre	"	6,600
Saint-Marc	"	11,400
Mauzac	"	8,000
Luiliere	"	12,600
Tuiliere	Thermal	22,400
Bas-Bouvantes	Hydro	12,000
Beaumont-Monteux	"	36,000
Bournillon	"	12,200
Pizancon	"	40,000
Champcella	"	6,400
L'Argentire	"	26,400
Les Claux	"	9,200
Pont Haut	"	5,250
St Maurice	"	8,000
Monstrol d'Allier	"	17,000
Moulas	"	14,400
Bioge	"	9,100
Chavaroche	"	7,500
Chedde	"	11,200
Le Fayet	"	10,400
Le Giffre	"	7,200
Motz-val-de-fier	"	16,000
Vallieres	"	14,400

INCLOSURE NO. 4

- 4 -



<u>Name:</u>	<u>Type:</u>	<u>Capacity kw:</u>
Limoges	Thermal	17,600
Avignonet	Hydro	5,000
Bonne Inferieure	"	5,000
Bout-du-Monde	"	5,500
Champ-eur-Drac	"	6,400
Drac-Romanche	"	11,200
Gavet	"	5,400
LacMort	"	7,600
LeRivier	"	9,000
Les Roberts	"	10,400
Le Verney	"	12,500
Le Villaret	Thermal	6,800
Livet	Hydro	12,600
Pierre Ebesse	"	7,900
Riouperoux	"	33,500
Rondeau	"	8,000
Saint-Guillerme	"	14,400
Sautet	"	67,500
Mably (L'Arsenal)	Thermal	16,200
Montaud	"	18,400
Montrambert	"	11,600
St Etienne	"	25,000
St Louis	"	11,200
St Thomas	"	34,000
La Vergne	Hydro	8,000
St Chely D'Apcher	"	12,000
Coudes	Thermal	22,500
La Combelle	"	5,000
Les Fades	Hydro	8,400
Queuille	"	5,800
Cusset-Jonage	"	23,200
Cusset-Villeurbanne	Thermal	56,000
La Mouche	"	82,000
Lyon (Municipal)	"	5,300
Quillins	"	24,000
Avrieux	Hydro	11,200
Beaufort	"	20,000
Belleville	"	16,000
Bissorte	"	78,000
Bozel	"	6,400
Calypso	"	12,600
Hauteluce	"	8,000
La Perriere	"	16,800
La Praz	"	12,200
Le Chatelard St Martin	"	9,000
Le Rageat	"	10,000
La Saussaz	"	14,000
Montricher	"	11,000
Moutiers	"	5,300
Pontanofrey	"	9,800
Premont	"	12,400
Queige	"	6,100
St Beron	"	6,400
St Jean-de-Maurienne	"	13,000
Sainte Marie de Cuines	"	7,300
Ugine	"	6,000
Venthon	"	5,600
Viclaire	"	37,000
Villard	"	7,200
Villard du Planay	"	11,000
Luzieres	"	12,400

<u>Name:</u>	<u>Type:</u>	<u>Capacity kw:</u>
Pelissier	Thermal	5,200
Pre-Grand	"	20,000
Thuries	Hydro	5,000
Vintrou	"	45,000
Arrens	"	Unknown
Artigues	"	18,000
Champ-sur-Drac	"	Unknown
Chavanon	"	45,000
Cordeac	"	Unknown
Genissiat	"	416,000
L'Aigle	"	200,000
LaChaudanne	"	26,800
Portillon	"	40,000
Pradieres	"	Unknown
St Etienne Cantalis	"	55,000
St Etienne de Tinee	"	Unknown
St Pierre-sur-Drac	"	Unknown
Sept Laux	"	Unknown

INCLOSURE NO. 4

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~~TOP SECRET~~ - BIGOT ANVIL

INCLOSURE NO. 5 TO ANNEX NO. 6, FIELD ORDER NO. 1 - ANVIL

RADIO PLAN

1. General

a. Radio communications will be established in accordance with attached diagrams:

- (1) Radio channels (ANVIL) Effective H-Hour D-Day.
- (2) Radio channels (ANVIL) Effective D + 3.

2. Radio Communications Afloat

a. Radio silence will be maintained on all sets in all ships up to "H" hour. Silence may be broken in an emergency prior to "H" hour on orders of the Senior Naval Officer. All ships radio sets operating on army or joint shore party nets, except those listening on certain prearranged schedules will open a listening watch prior to H-2, but not before H-5, on orders of the Force, Corps or Division Signal Officer concerned.

b. Radio communication within assault sub-task forces will conform to amphibious doctrines developed at Invasion Training Centers in this theater. It is the responsibility of the Division Signal Officer to coordinate signal activities of all units within the Sub-Task Force and with the corresponding Naval Sub-Task Force communication officer.

c. Seventh Army communication aboard the U.S.S. CATOCTIN will be operated by a detachment of two officers and twenty men from the 1st Signal Battalion.

d. Seventh Army communication aboard the U.S.S. HENRICO will be operated by a detachment of two officers and forty-seven men from the 1st Signal Battalion.

e. VI Corps communications aboard the U.S.S. CATOCTIN will be operated by a detachment of one officer and twelve men from the 57th Signal Battalion, reinforced by the ship's permanent Army Signal Personnel.

f. Army Air Support Net A-19 will be operated by a detachment of three officers and twelve men from the 2nd Tactical Air Communications Squadron. This net opens when VI Corps moves ashore.

g. The 2677th Regiment, OSS (Prov) will provide three operators aboard the Alternate Army Headquarters Ship to monitor the Special Broadcast from OSS and SOE, Algiers.

h. Four French radio operators will be attached from II French Corps to the 1st Signal Battalion to assist in operation on net A-16.

3. Radio Communication Ashore.

a. Existing fixed radio installations will be seized and secured but not used or damaged by tactical army units. Location of such stations will be reported to the Signal Officer, Seventh Army. Initial allocation will be made to Naval, Air or PWB use by the Commanding General, Seventh Army. Final disposition of such facilities of all major installations rests with SAC/MTO.

INCLOSURE NO. 5

- 1 -

~~TOP SECRET~~ - BIGOT ANVIL

c. One (1) Radio Set, SCR-299, and team of 982nd Signal Service Co, will be attached to 163rd Signal Photo Co, prior to the launching of Operation "ANVIL" for the purpose of transmitting Signal Corps radiophotos to AFHQ.

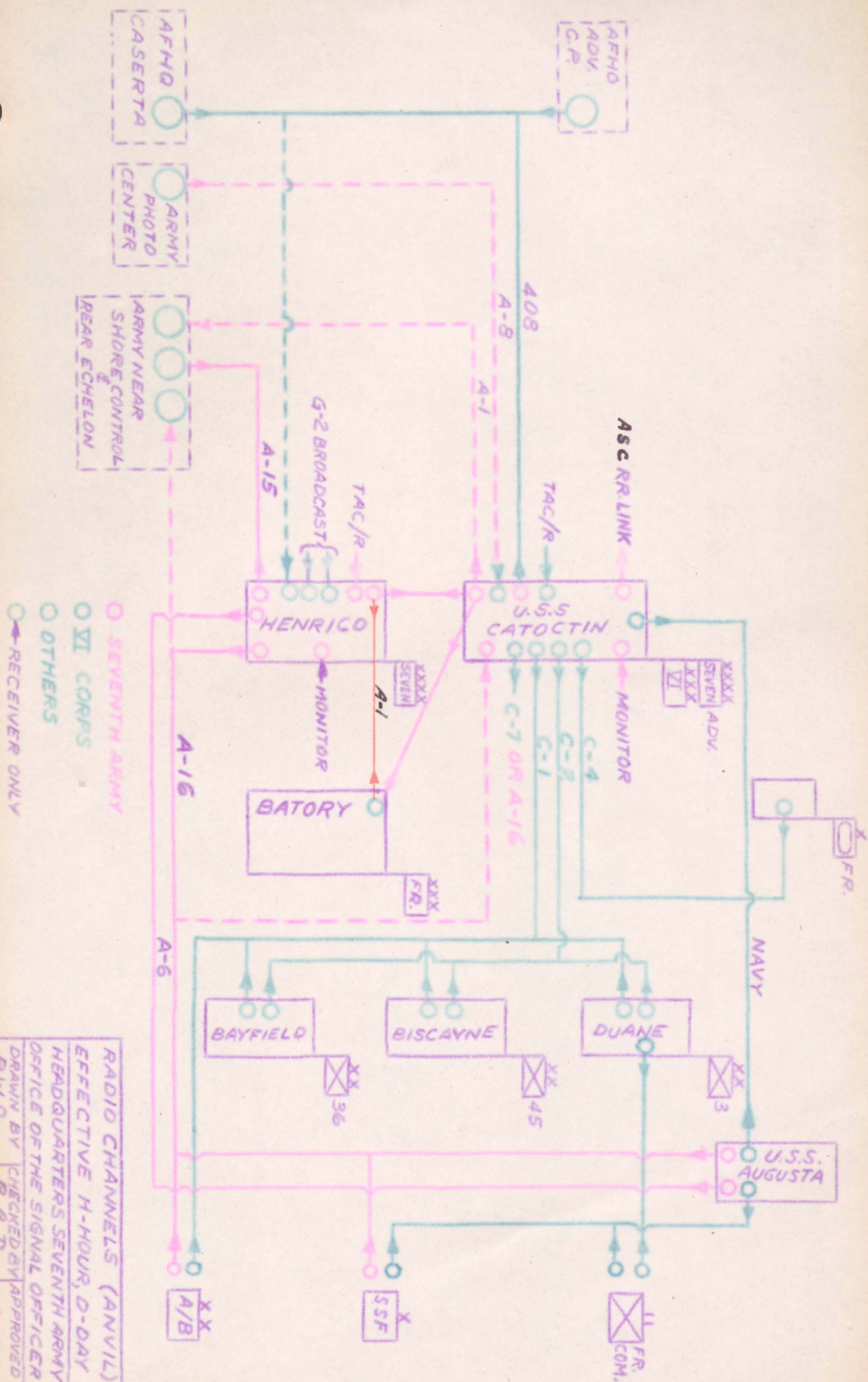
d. The radio company of the 1st Signal Battalion reinforced by a detachment of the 982nd Signal Company (Radio) will provide initial radio communication ashore for Headquarters Seventh Army.

e. Times of use of frequencies (SOI Item No. 26-3) will be adhered to until contact is made. Thereafter times of frequency change will be at direction of the control stations.

f. Radio stations will be set up in the following order of priority at Army CP ashore:

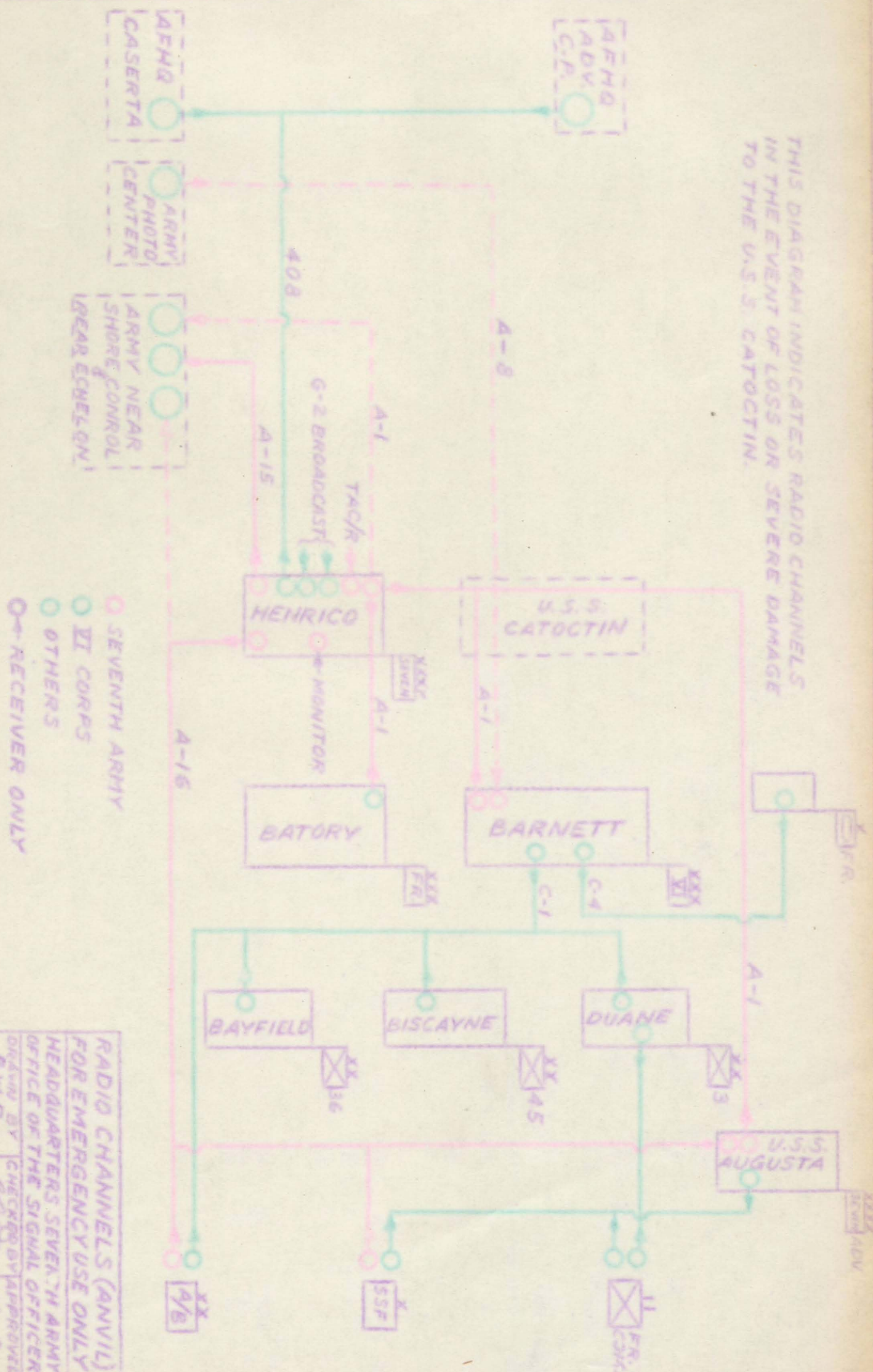
1. Serial A-13
2. Serial A-1
3. Serial 408
4. Serial A-2
5. Serial A-16
6. Serial A-15
7. Serial 411
8. Serial A-6
9. Serial Shaef 6
10. Serial 418
11. Serial Shaef 51
12. Serial Shaef 7
13. Serial A-3

g. Press circuits 412, 413 and 51 will be established as directed by Public Relations Officer, Seventh Army.



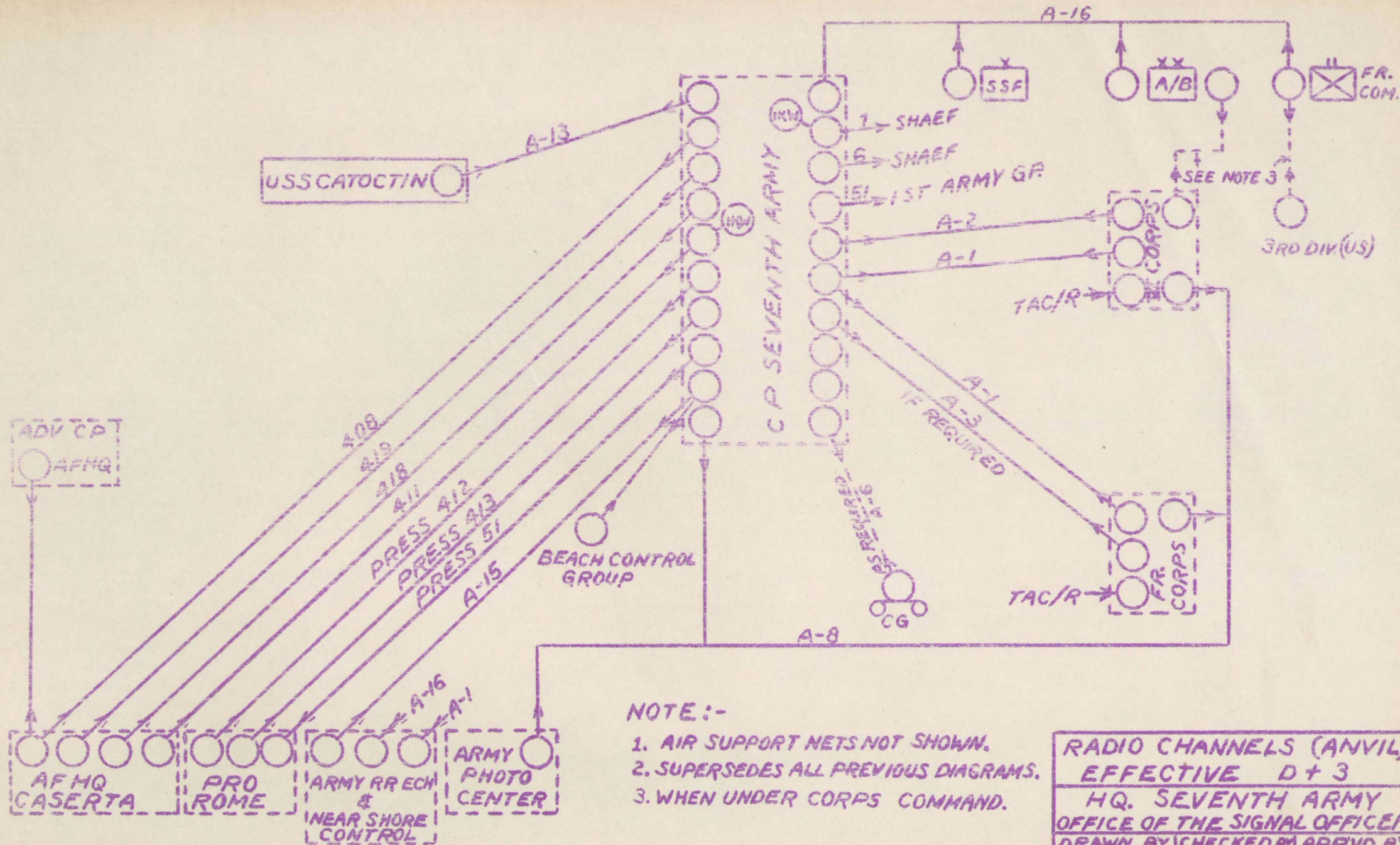


THIS DIAGRAM INDICATES RADIO CHANNELS IN THE EVENT OF LOSS OR SEVERE DAMAGE TO THE U.S.S. CATOCTIN.



RADIO CHANNELS (ANVIL)  
FOR EMERGENCY USE ONLY  
HEADQUARTERS SEVENTH ARMY  
OFFICE OF THE SIGNAL OFFICER  
DISTRIBUTION BY CHECKED BY APPROVED  
R.W.D. 10/1/44  
25 JULY 44 16 JULY 44





INCLOSURE NO. 6 TO ANNEX NO. 6, FIELD ORDER NO. 1 - ANVIL

WIRE PLAN

1. Communications in Italy and Near Shore Control Points will be provided by AFHQ.

2. Tactical Communications

a. Corps and Division commanders are responsible for all tactical wire communications in their own areas. This includes responsibility for all wire communications required for Shore Landing Parties and Shore Beach Parties. They are also responsible for the proper use and conservation of existing wire facilities until such responsibility is taken over by Seventh Army.

b. Seventh Army will establish communication to Corps as soon as possible after getting ashore. Initial communications will be over field wire which will be replaced later with a better type of construction as soon as the material becomes available. Initially two talking circuits and one telegraph circuit will be provided.

c. Full use will be made of existing facilities in the area. Later, as these circuits are no longer needed for tactical use, they will be used in the fixed wire systems.

3. Fixed Wire Communications.

a. Fixed wire communications will be established in accordance with AFHQ wire plan. See diagram attached.

b. The greatest possible use will be made of existing poles and wire in establishing the fixed communication system in order to conserve line materials.

c. Material for use in establishing fixed wire communication will be under control of the Signal Officer, Seventh Army, and except in emergency will not be used for tactical purposes.

4. Interruption of the Commercial Wire Systems.

a. Advance units will be instructed to cut wire lines leading into enemy territory. This includes telephone, telegraph, and railroad dispatch lines. The near end of the enemy portion of such lines will be short-circuited and grounded.

b. Central offices will be secured intact if possible. All troops will be instructed to remove all personnel from the central offices and establish a guard over such installations. Service will be interrupted by cutting off the power supply. Care must be taken not to damage central office equipment. Particular care should be taken to secure all records since this will greatly facilitate the re-establishment of communication. Signal officers of the various units will make plans for taking over central offices as soon as possible after they are captured.

c. Every precaution will be taken to prevent loss to Signal Corps personnel from mines and booby traps while working on any type of enemy communication facilities.

5. Wire Supply

a. Normal supply channels will be used throughout the operation.

b. Units will be issued wire supplies on the basis of T/BA allotments insofar as these supplies are available.

INCLOSURE NO. 6



~~TOP SECRET~~ - BIGOT ANVIL

c. Certain supplies are being received for the special projects involved in the fixed wire communication plan. These supplies will be under control of the Signal Officer, Seventh Army, and will be issued only for the use intended. This equipment consists of the following items:

- (1) Permanent line construction materials.
- (2) Rapid pole line material.
- (3) Carrier telephone equipment.
- (4) Repeaters.
- (5) Switchboards.

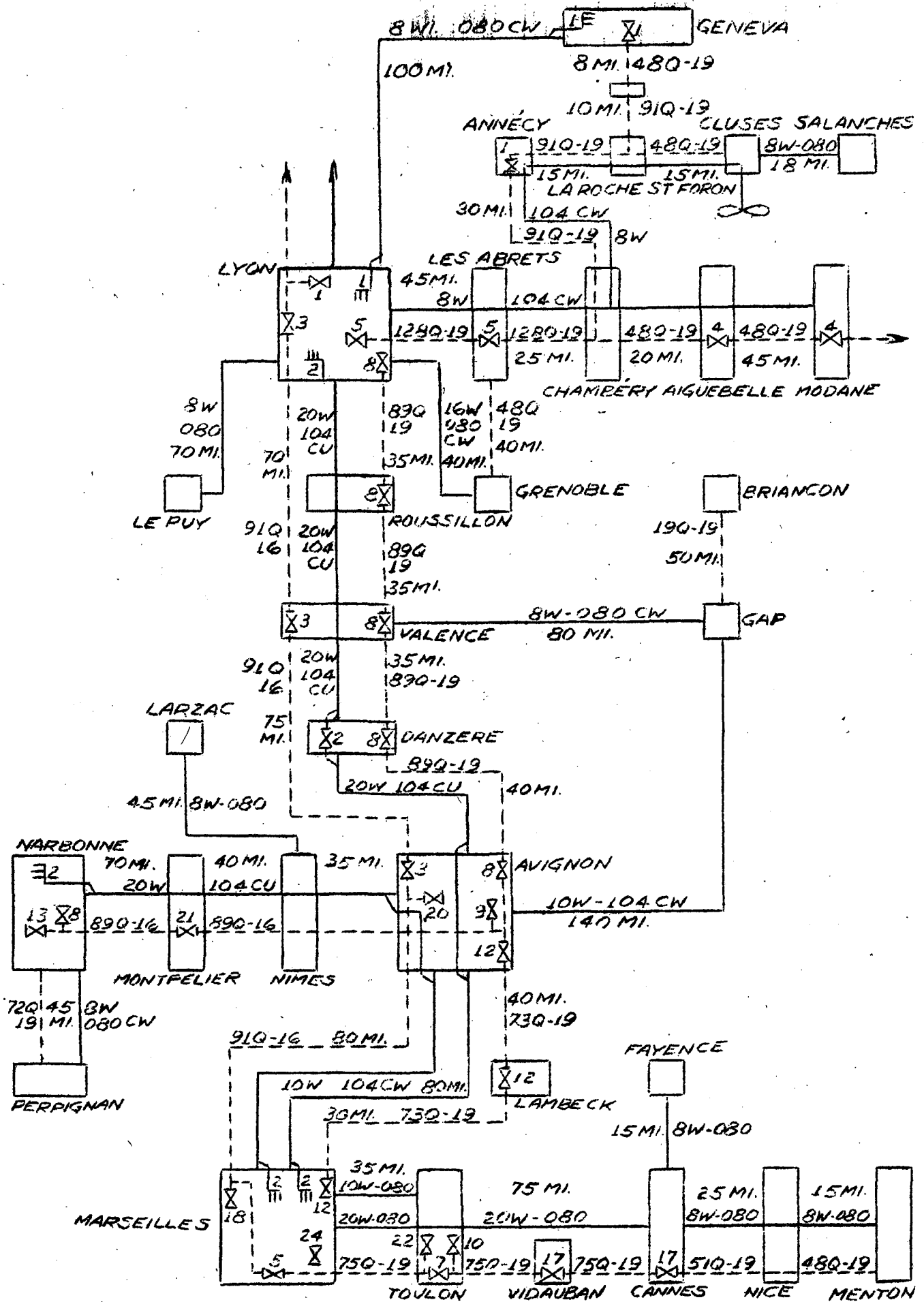
INCLOSURE NO. 6

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~~TOP SECRET~~ - BIGOT ANVIL

TOP SECRET

BIGOT-ANVIL



## LEGEND

080 CW, 104 CW, 104 CU SIZES OF WIRE  
 ⊞ PKG "C" CARRIER TERMINALS WITH QUANTITY  
 — CARRIER BYPASS ✕ REPEATER  
 ---- QUADDLED TOLL CABLE

H Q. SEVENTH ARMY  
 OFFICE OF THE SIGNAL OFFICER  
**FIXED WIRE PLAN**  
 3-29-44  
 DRAWN BY R.W.D. CHECKED BY L.H.S. APPROVED BY J.W.B.

TOP SECRET

BIGOT-ANVIL

INCLOSURE NO. 7 TO ANNEX NO. 6, FIELD ORDER NO. 1 - ANVIL

CRYPTOGRAPHIC PLAN

1. During the assault all U. S. cryptographic agencies will employ joint or combined systems. Use of joint or combined systems as noted below will be continued until Army headquarters directs the use of normal Army systems at such time as the Army is firmly established ashore.

a. Combined Cipher Machine, using CCEP 0131, will be used for enciphering all traffic between U. S. Divisions, between U. S. Divisions and U. S. Corps or French Corps, between U. S. Corps and French Corps, between U. S. or French Corps and Army, and from Army to higher headquarters. Traffic for all U. S. lower units will be cryptographed in the Combined Assault Code, CCEP 0130, edition B-2, or the Joint Hag Key List, SIGSOT. The Combined Assault Code CCEP 0130, edition B-2, will go out of effect at 0001B, D plus 5.

b. Traffic between French Corps and U. S. Army will be through U. S. Liaison Teams, using Combined Cipher Machine and CCEP 0131. All traffic between French units will be cryptographed in normal French systems.

2. All traffic in which the Navy is an addressee will be enciphered in system CCEP 0131 even after normal systems have been prescribed for the Army ashore.

a. All Army and Navy units in the assault echelon will hold CCEP 0122, edition B-6, the Combined Authentication System which will be used until the Army is established ashore. The first method of challenge and reply as prescribed on page III will be used.

3. Distribution of cryptographic systems is shown in the SOI.

4. SIGABA's will be taken ashore when headquarters of Division, Corps, and Army leave ship.

INCLOSURE NO. 7

- 1 -

~~TOP SECRET~~ - BIGOT ANVIL

INCLOSURE NO. 8 TO ANNEX NO. 6, FIELD ORDER NO. 1 - ANVIL

MESSAGE CENTER AND MESSENGER PLAN

1. Message Centers

- a. Message centers will operate continuously on each Headquarters ship from time of embarkation until all units controlled by each ship have landed.
- b. Message centers will operate continuously at the Shore Party CP's until ordered closed.

2. Air Messenger Service

- a. Air messenger service (AMS) will be operated whenever practicable by Headquarters, Seventh Army between principal headquarters under this command.
- b. L-5 planes will be provided, operated, and maintained by the 72nd Liaison Squadron (less detachment) under the direction of the Army Signal Officer.
- c. Scheduled AMS will operate to each Army, Corps, and Division Headquarters, as well as to Seventh Army Rear Echelon and Base Section. This service will start operating about D + 5 or as soon as conditions permit the movement of L-5 messenger planes in the target area. The schedule will develop as required as shown on attached chart.
- d. Special AMS will be provided by three (3) planes based at CP Seventh Army.
- e. Squadron aircraft will be assigned for use as follows:

Scheduled AMS	22 planes
Special AMS	3 planes
Squadron Control	2 planes
Maintenance	5 planes
TOTAL	32 planes

INCLOSURE NO. 8

~~TOP SECRET~~ - BIGOT ANVIL

TOP SECRET BIGOT ANVIL

BASE SECTION	SEVENTH ARMY			ARMÉE B	I	II	VI	ADDITIONAL CORPS	DIVS.
	REAR	CP	ADV.						
		$\frac{4}{2}$		$\frac{4}{3}$					
		$\frac{4}{2}$							
		$\frac{4}{3}$							
					$\frac{2}{3}$				
					$\frac{2}{3}$				
						$\frac{2}{3}$			
							$\frac{2}{3}$		

Note:

1. The numerator represents the number of daily flights, the denominator the number of planes on this route.
2. Time schedules to be announced later in SOI.

AIR MESSENGER SCHEDULE

HEADQUARTERS SEVENTH ARMY  
OFFICE OF THE SIGNAL OFFICER

DRAWN BY: R.W.D. 21 JULY 1944	CHECKED BY: C.W.B. 21 JULY 1944	APPROVED BY: V.H.H.
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-2-  
INCLOSURE NO. 8  
TOP SECRET BIGOT ANVIL

~~TOP SECRET~~

BIGOT-ANVIL  
T O I P O I S A E V C I R E T  
Auth: CG, 7th Army  
Init: AGT  
Date: 28 July 1944  
28 July 1944

Copy No. 115  
Ref. No. X-1300

HEADQUARTERS SEVENTH ARMY  
APO # 758

28 July 1944

ANNEX NO. 9  
TO F.O. NO. 1 ANVIL

BEACH MAINTENANCE PLAN

		<u>Pages</u>
SECTION I	GENERAL	1 - 2 1 = 2
SECTION II	ORGANIZATION, BEACH CONTROL GROUP	3
SECTION III	ORGANIZATION, TASKS & MISSIONS, BEACH GROUP	4 - 12
SECTION IV	REPORTS	13
	* * * * *	

By command of MAJOR GENERAL PATCH:

OFFICIAL:

*John S. Guthrie*  
JOHN S. GUTHRIE  
Colonel, GSC,  
A. C. of S., G-3.

Arthur A. White  
Brigadier General, G.S.C.  
Chief of Staff.

.....  
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( 25 Copies- BCG )

~~TOP SECRET~~

SECURITY CLASSIFICATION CANCELED  
BY AUTHORITY OF THE SECRETARY OF WAR  
BY PERRY O BULLIS, 1ST LT, AGC 105  
DATE 10 Apr 57 CITE WD AGAD 7C36

HEADQUARTERS SEVENTH ARMY  
APO 758BEACH MAINTENANCE PLANSECTION I - GENERAL1. DEFINITION.

a. A Beach Group is an organization specially constituted, trained and equipped for the technical organization of beaches to regulate and facilitate the landing and movement of personnel and equipment on and over the beach to assembly areas and vehicle parks; to unload cargo ships; to move and receive supplies into beach dumps; to select, organize and initially operate beach dumps; to establish and maintain communications; and to evacuate casualties and prisoners of war over the beach to ships and craft.

2. COMMAND.

a. Beach Groups will be attached to Corps. There will be three (3) Beach Groups in all, one for each assault division. Initially Beach Groups will be presumably under command of the Sub-Task Force Commander. Beach Groups will revert to Force control and command when Army assumes the supply function. The Force Commander will exercise control over the three Beach Groups through his G-4 and an agency known as the Beach Control Group.

3. BEACH CONTROL GROUP.

a. The Beach Control Group will be responsible for coordinating the equipping, training, planning and operations of the Beach Groups.

4. PLANNING.

a. Beach Groups will prepare operational plans in conformity with Army directives for Army approval in cooperation with Sub-Task Forces concerned.

5. BEACH MAINTENANCE AREA.

a. The shore establishment which includes the beach, the beach dumps and connecting road net is called the beach maintenance area. Each Beach Group will establish, as soon as possible, a consolidated beach maintenance area. This area will normally not extend more than three miles inland from the shoreline. It may include minor ports in the vicinity. The development and operation of such ports will be by the Beach Group in whose sector the ports are.

b. It is estimated that each Beach Group as constituted for this operation is capable of moving at least 3000 tons of supplies per day from ships into segregated dumps and supplying the technicians and labor necessary to operate these dumps.

c. As tonnage requirements increase, the capacity of the Beach Groups will be increased by improvement of beach facilities, the development of local small ports and the augmentation of the Groups by Port Company personnel and additional depot units. If necessary, additional service personnel will be made available from Army reserves.

d. When a major port is captured and unloading over the beaches ceases the Shore Regiments will remain under Army control but the unloading and dump operating personnel will pass to Base Section control and the Base Section will be responsible for operation or consolidation of such beach dumps as Army may not designate as Army forward dumps.

e. Beach Groups will exploit suitable landing areas and establish new beach maintenance areas which may become available to the westward following the line of advance.

#### 6. CONTROL OF CRAFT AND BEACH TRAFFIC.

a. Naval Beach Battalions attached to Beach Groups, landing with assault waves of division Sub-Task Forces, will provide Naval shore to ship signal communications and control of off-shore boat traffic. Movement of personnel and vehicles across the beach will be regulated by Beach Group military police and engineer guides in accordance with the requirements of the Senior Beach Group Commander ashore. Beach markers will be placed by Beach Group Engineer reconnaissance parties.

#### 7. ENGINEER TASKS.

a. The combat engineers and gapping teams with the assault waves will be responsible for initial Engineer tasks required to assist combat vehicles of the assault waves across beaches and to open beach exits.

b. Beach Group Engineers, upon landing, will relieve the combat Engineers of Engineer tasks on the beaches, will develop and expand the beach roadway system for continued operation, clear the beach of mines, obstructions and obstacles, open additional beach exits, prepare dump areas for receipt of supplies, and be responsible for maintenance of beach exits and roads within the established beach maintenance area.

#### 8. DUMP RESPONSIBILITY.

a. The operation of all beach dumps including inloading, receipt, issue and outloading will be the responsibility of the Beach Groups until such time as the Army relinquishes this function to the Base Section. Transportation of supplies from beach dumps to forward areas will not be a function of the Beach Groups.

b. First supplies ashore will be stored initially in beach dumps by Service and Class in the battalion beach group area. As soon as the tactical situation permits, supplies will be delivered to consolidated regimental maintenance area dumps. Beach Groups are responsible for dump consolidation and provision of M/T for this purpose.

c. Maintenance area dumps will be established by Service and Class; supplies will be segregated and stacked for ease of issue and inventory.

d. Reports showing receipts, issues and balances on hand in each dump will initially be submitted daily, covering the preceding 24-hour period, to G-4 of the division or Corps as required and later through Beach Control Group to Army G-4. These reports will be prepared and submitted as shown in Appendix "A".

e. Issue will be on demand except for controlled items of supply and equipment which will be in conformity with the Army policies and directives.

f. Labor for the operation of dumps in the beach maintenance area to include receipt, issue and security of dumps, and traffic control within the dump area will be provided by the Beach Groups until relieved by Army directive.



~~TOP SECRET~~

BIGOT - ANVIL

SECTION II - ORGANIZATION

BEACH CONTROL GROUP

UNITS	PERSONNEL	VEHICLES
Headquarters 5-510-1 (Mod)	80	13
Headquarters Company 5-510-1 (Mod) plus attachments	80	35
Signal Operating Co. (Spec.)	186	33
759th MP. Bn (-4 Companies)	<u>45</u>	<u>10</u>
TOTAL	391	91

~~TOP SECRET~~

## SECTION III - ORGANIZATION, TASKS &amp; MISSIONS, BEACH GROUP.

## 1. ORGANIZATION OF BEACH GROUP.

UNITS	GROUP A	GROUP B	GROUP C	TOTAL PER GROUP PERS.	GROUP VEH.
Engr. Combat Regt.	1	1		1900	350
Engr. Shore Regt.			1	1465	272
Engr. Combat Bn.			1	683	138
Naval Beach Bn.	1	1	1	455	70
Med. Bn. Hq.	1	1	1	44	8
Med. Collecting Co.	3	3	3	105	20
Med. Clearing Co.	1	1	1	117	19
Med. Clearing Plat.	1	1	1	42	6
MP Company	1	1	1	104	15
Det., PW Esct. Gd. Co.	1	1	1	31	1
Platoons Boat Gds.	3	3	3	99	0
Signal Company (Spec.)	1	1	1	220	32
Det., Chem. Depot Co.	1	1	1	18	2
Platoon, Engr. Depot Co.	1	1	1	33	3
Ordnance Ammo. Co.	1	1	1	186	24
Section, QM Gas Supply Co.	1	1	1	27	12
Platoon, QM Rhd. Co.	1	1	1	75	3
Det., Signal Depot Co.	1	1	1	24	1
Det., Signal Rep. Co.	1	1	1	32	9
Air Force Beach Detail	1	1	1	23	4
RAF Beach Section	1	1	1	27	6
Det., Regulating Co.	1	1	1	75	6
Ord. Med. Auto Main. Co. (DUKW)	1	1	1	202	78
Hq. & Hq. Det., QM Bn. (Mob)	1	1	1	27	7
Amphibian Truck Co.	5	5	5	920	275
QM Truck Co.	2	2	2	230	108
Hq. & Hq. Det., QM Bn.	1	1	1	17	1
QM Service Co.	5	5	5	1095	20
Plat., Cml. Decon. Co.	1	1	1	34	9
Det., Ordnance Depot Co.	1	1	1	22	2
Hq. & Hq. Det., Port Bn.	3	2	2	* 60	6
Attached on Landing: Port Company	10	10	8		

\* Total for 2 Hqs.

2. TASKS. Beach Groups are responsible for the execution of the following tasks:

- a. Mark hazards to navigation in the vicinity of the beach and determine most suitable landing points.
- b. Effect emergency boat repairs.
- c. Care for beach casualties and evacuate casualties to ships in accordance with Naval Attack Force and Landing Force Medical Plans.
- d. Control boat traffic, including DUKWs afloat, in vicinity of beaches and between ships and shore.
- e. Direct landing, retraction and salvage of all boats and craft.
- f. Maintain communications with Naval task groups, Naval vessels and M/T store ships.
- g. Mark landing beach limits.
- h. Establish and mark debarkation points on landing beaches.
- i. Unload supplies and material of the landing troops.
- j. Remove beach and shallow underwater mines, obstructions and obstacles.
- k. Establish and maintain a prisoner of war enclosure and evacuate prisoners of war in ships in accordance with Landing Force instructions.
- l. Establish communications with adjacent Beach Groups and forces ashore as required.
- m. Construct landing facilities where required.
- n. Maintain liaison with senior troop commander within the zone served by the particular Beach Group.
- o. Maintain order and direct traffic on and in the vicinity of the beach for various elements using the beach.
- p. Facilitate movement of unit personnel and equipment landed on the beach off the beach and insure movement of supplies arriving on the beach into beach dumps at the rate established in the Army plan.
- q. Unload all vehicles and supply ships and transport supplies loaded in DUKWs from ship to shore.
- r. Select and establish beach dump sites.
- s. Organize beach dumps for reception and issuance of supplies and equipment.
- t. Maintain a record showing personnel, organizations, material, vehicles and supplies which have been landed on the beach.
- u. Maintain a record of supplies issued and to whom and a continual dump level record.
- v. Disseminate proper orders or notification in advance to ships, shore parties, attached transportation, beach dump supply attachments and troops involving changes in logistical plans.
- w. Construct and maintain beach roads and exits.
- x. Provide for decontamination of gassed areas on the beach.
- y. Maintain a control station with copies of all manifests of off-lying ships and a situation map for information of landing units.

z. Operate emergency motor maintenance service for vehicles damaged in landing, aid vehicles in crossing the beaches and clear the beaches of all stranded vehicles.

aa. Provide local security and defense for beach area.

bb. Establish and maintain de-waterproofing areas and render technical advice on de-waterproofing of vehicles.

cc. Collect and salvage all waterproofing materials.

dd. Collect, salvage and reload on ships all life belts deposited on beaches.

ee. Prepare the smoke plan for screening beach installations and ships standing offshore in conjunction with the Navy and in accordance with the Force and Naval smoke plan, and be responsible for its execution.

ff. Coordinate the antiaircraft protection of the beach with the AAA Group Commander of the Sub-Task Force.

gg. Establish and maintain a bivouac area for staging of replacements or other units landing over the beaches, including messing facilities for all Beach Group personnel and transients.

hh. Operate water points to serve all troops in the vicinity of beaches and establish storage points and handle shore operations in receiving water from ISTs.

ii. Render such reports to higher headquarters as may be required.

jj. Perform additional duties as required.

### 3. GENERAL MISSIONS OF BEACH GROUP UNITS.

Beach Control Group. Insures the movement of personnel, vehicles and supplies across the beaches in support of a landing operation involving several division Sub-Task Forces.

Beach Group. Insures the movement of personnel, vehicles and supplies across the beach in support of a landing operation involving a division Sub-Task Force.

Battalion Beach Group. Organizes and operates all shore installations necessary for debarkation, supply, evacuation and local security in support of a regimental combat team or combat command.

Engineer Combat (or Shore) Battalion. Commands Combat (or Shore) Battalion and attached service troops and performs all engineer work in beach maintenance area assigned to the battalion necessary to facilitate debarkation, supply, evacuation and local security.

Engineer Combat (or Shore) Company. Organizes, operates and secures all Combat (or Shore) Company installations necessary to debark all personnel, vehicles and supplies in support of a battalion combat team.

Naval Beach Battalion. Surveys beaches, marks and removes underwater obstacles, assists landing craft, makes emergency boat repairs, operates naval shore to ship communications, controls landing craft and DUKW traffic afloat, evacuates casualties and PWs to ships and assists in shore operations when required.

Medical Bn. Hq. Coordinates activities of medical companies in collecting, clearing and evacuation of casualties from beach to ship or to higher medical echelons in accordance with medical plan; supervises medical supplies and sanitation.

Medical Companies. Collects and/or clears beach casualties in conjunction with medical detachments and naval beach medical sections.

(SECTION III - ORGANIZATION, TASKS & MISSIONS, BEACH GROUP - 3. GENERAL MISSIONS OF BEACH GROUP UNITS - CONT'D.)

MP Company. Guides and enforces traffic and military police regulations in the beach maintenance area.

PW Esct. Guard Co. Receives and guards PWs, operates beach FW enclosures, delouses PWs, and processes and evacuates PWs to ships.

Boat Guards. Aids in guarding, delousing, processing and evacuating PWs in beach areas and furnishes ship guards.

Signal Company (Spec). Establishes and maintains radio and telephone communications and message centers for Beach Group Headquarters to highest echelon of associated combat units ashore, to adjacent Beach Groups and intra-Beach Group communications to shore and dumps.

Detachment, Chemical Depot Co. Aids Ordnance Ammo. Company in receipt, segregation and issue of CWS supplies, keeps CWS supply records.

Platoon, Engr. Depot Co. Receives, stores and controls issue of Engineer supplies and keeps dump records.

Ordnance Ammo. Co. Organizes and operates Ordnance dumps including receipt, storage, issue and records of all Ordnance supplies.

Section, QM Gas Supply Co. Organizes and operates all Class III dumps including receipt, storage, issue and records of all Class III supplies.

Platoon, QM Rhd. Co. Organizes and operates all QM Class I and II dumps including receipt, storage, issue and records of QM Class I and II supplies.

Detachment, Signal Depot Co. Organizes and operates Signal dumps including receipt, storage, issue and records of Signal supplies.

Detachment, Signal Repair Co. Aids in operation of Signal dumps, receives and repairs signal equipment.

Air Force Beach Detail. Organizes and operates dumps for AC supplies including identification, receipt, storage, issue and records.

RAF Beach Section. Organizes and operates dumps for RAF supplies, including identification, receipt, storage, issue and records.

Detachment, Regulating Co. Provides beach checkers and regulates and controls Beach Group vehicle movements including DUKWs ashore.

Ordnance Medium Auto Maintenance Co. (DUKW). Establishes and operates de-waterproofing areas including rendering of technical advice on de-waterproofing and salvage of waterproofing materials; maintains Beach Group DUKWs, vehicles and automotive equipment.

Hq. & Hq. Det., QM Bn. (Mob). Coordinates activities of Amphibian and QM truck Companies in transporting supplies and equipment from ship, craft or shore to dumps.

Amphibian Truck Co. Transfers equipment and supplies in DUKWs from ship or craft to dumps.

QM Truck Co. Transfers equipment and supplies in trucks from shore to dumps.

Hq. & Hq. Det., QM Bn. Coordinates activities of QM Service Companies.

QM Service Company. Furnishes personnel to assist in dump and unloading operations.

Platoon, Chemical Decon. Co. Executes chemical decontamination of equipment, vehicles, supplies, areas, roads, bridges and other military objects in the beach maintenance area, exclusive of personnel, and carries out the smoke plan.

(SECTION III - ORGANIZATION, TASKS & MISSIONS, BEACH GROUP - 3. GENERAL MISSIONS OF BEACH GROUP UNITS - CONT'D)

Hq. & Hq. Det., Port Bn. Coordinates the activities of the Port Companies; establishes and operates stevedore gear dumps; collects, stores and repairs all cargo handling gear; collects, salvages and prepares all life belts for return to ship and craft.

Port Company. Furnishes personnel for unloading of ships and for dump operations when ashore.

4. SPECIAL TASKS.

a. The following special tasks are allocated to the Alpha Beach Group:

- (1) Develop beaches 259 and 261 for initial unloading of vehicles and supplies.
- (2) Supply the Air Corps operating the Ramatuelle airstrip over beach 261.
- (3) Land and pass the 1st French Inf. Division and 3rd Algerian Division over Alpha beaches on about D / 1.
- (4) Open beaches successively westward in the vicinity of La Lavendou and Hyeres as directed by the Beach Control Group.

b. The following special tasks are allocated to the Delta Beach Group:

- (1) As soon as the tactical situation permits to develop beach 262 and the adjacent area as the main maintenance area.
- (2) To develop the ports of St. Tropez and St. Maxime.
- (3) To be prepared to land and pass one French Division over beach 262 on D / 1.
- (4) To coordinate with the Air Corps or Aviation Engineers on the mutual development of the Cogolin-Grimaud area for supply dumps and airstrips.

c. The following special tasks are allocated to the Camel Beach Group:

- (1) Develop beach 264A and vicinity as the main maintenance area.
- (2) Develop the port of St. Raphael.
- (3) Land and pass a combat command of the French Armored Division over the beaches on D or D / 1.
- (4) Where capture of the port of Toulon is imminent be prepared to move immediately, less the 48th Combat Bn. and attached Beach Group Units, into the port for initial repair and operation.

5. TRAFFIC CONTROL.

a. Traffic control in the beach maintenance areas is a responsibility of the military police of units concerned.

6. MEDICAL CARE AND EVACUATIONS.

a. The medical battalion of the Beach Groups:

- (1) Collects casualties in the beach maintenance area.
- (2) Receives casualties from forward clearing stations.
- (3) Operates beach clearing stations.
- (4) Evacuates casualties to ships, craft and planes in accordance with the Army and Navy plans.



(SECTION III - ORGANIZATION, TASKS & MISSIONS; BEACH GROUP - 6. MEDICAL CARE AND EVACUATIONS - CONT'D)

b. Normal exchange procedure for replacement of litters and blankets will obtain in all medical units of Beach Groups.

7. PRISONERS OF WAR.

a. Engineers of the Beach Group assisted by the PW Esct. Guard Co. and the Boat Guard Det. will construct the necessary prisoner of war enclosures.

b. Beach Groups will receive, guard, process, delouse and evacuate prisoners of war in accordance with the Army plan.

c. Guards for prisoners of war in transit aboard ship will be provided by the Boat Guard Det. of the Beach Groups.

8. PROCESSING OF BUILD-UP TROOPS.

a. Beach Groups will:

(1) Set aside troop assembly areas.

(2) Mark routes and furnish guides to direct troops landing after the initial assault to the assembly areas.

(3) Establish wire communications between Beach Group Headquarters and assembly areas.

b. Divisions, Corps and Air Force headquarters will maintain representatives in the assembly areas to contact, administer and issue instructions to their units.

c. Assembly areas are not intended for bivouacs but are contact areas in which newly landed units will assemble before moving to join parent organizations.

9. PROCESSING OF BUILD-UP VEHICLES.

a. Vehicle assembly areas will be established as described for troop assembly areas.

10. PROCESSING OF REPLACEMENTS.

a. One Army G-1 Liaison officer will be attached to each Beach Group to receive and process replacements arriving over the beaches.

11. UNIT BAGGAGE AND EQUIPMENT.

a. Unit baggage and equipment (Force marked) not carried on unit transportation will be segregated in the Quartermaster Class II dump. Daily reports of quantities on hand, by Force number, will be made through Beach Control Group to Army Headquarters so that units may be notified.

b. Each unit will furnish as least one officer and sufficient enlisted men to form a guard detail to accompany each separate shipment of unit baggage and barracks bags.

c. Unclaimed baggage will be segregated in Quartermaster Class II dump and reported through Beach Control Group to Army Headquarters with sufficient description for identification.

12. ALLOCATION OF SHIPS AND CRAFT.

a. Cargo ships will be prerouted to destination by Army G-4 before leaving the near shore.

b. Changes in ship routing which may be required by the tactical situation will be made by Army G-4, through Beach Control Group to the Navy.

(SECTION III - ORGANIZATION, TASKS & MISSIONS, BEACH GROUP - 12. ALLOCATION OF SHIPS AND CRAFT - CONT'D)

c. Beach Control Group will keep Army G-4 informed daily of the ship unloading situation and their capabilities for unloading supplies.

d. Allocation of landing craft for unloading of supplies will be made by the Navy as requested by Beach Control Group. Craft will be allocated in accordance with tonnage to be handled and the particular needs and conditions existing on the various beaches.

13. PONTOON CAUSEWAYS AND LANDING AIDS.

a. At least fifteen (15) pontoon causeways will be available for the operation and will be allocated according to landing requirements.

b. Pontoon causeways will be installed and operated by the U.S. Navy in accordance with plans of the Beach Group Commander for beach development or of the Beach Control Group Commander.

c. Construction of hards and improvement of landing points on an assigned beach will be the responsibility of the Beach Group concerned.

d. Beach Groups will be responsible for bivouacing and messing the pontoon causeway operating personnel.

e. Naval units installing pontons will be under the command of the Naval Beach Master on which they are installed.

14. Supply of Water from LST'S craft and ships.

a. 13 LSTs will be specially fitted as water carriers, five (5) allocated to each Sub-Task Force. Each of these LSTs will carry between 10,000 and 20,000 gallons and sufficient hose to discharge to tanks set up on the beach. These water carriers should be loaded for late phase unloading to permit organization of the beach water points. They will refill and carry water on each turnaround until no longer required by Army. Beach Groups will be responsible for handling the shore operations necessary for discharging all water.

b. 19 combat loaders will carry 2 - 600 gallon tanks each, complete with pumping equipment. These tanks can be loaded into LCMs and discharged by hose to the beach. They will be on call if needed by Army.

c. 3 - 5000 barrel water barges will be available, one off the center area on D / 1 and one on each flank on D / 2. These barges will be used for supplying water to craft for transfer to shore if necessary.

d. Each Shore Regiment will draw against established credits 32 - 3000 gallon canvas tanks, will transport them to the far shore and install them as required for the receipt of water from craft and establishment of water points.

15. MINOR PORTS.

a. The following named minor ports exist in the assault area:

St. Raphael  
St. Maxime  
St. Tropez

b. Rehabilitation, within the limits of improvisation and locally available materials, and subsequent operation will be responsibility of the Beach Group within whose sector these ports lie.

c. It is anticipated that these ports can be utilized for vehicle unloading and for supply unloading from LCTs.

16. BOATS.

a. The Beach Control Group will have two launches available for messenger service from shore to off-lying ships and for inter-beach passage. Each Beach Group will be provided with one (1) launch for offshore messenger service.

## (SECTION III - ORGANIZATION, TASKS &amp; MISSIONS, BEACH GROUP - CONT'D)

17. AGREEMENTS.

a. Between Army and Navy. Joint agreements between Army and Navy for operation ANVIL are published in Navy A.N.P.M. #5 and in Annex #14, ANVIL Outline Plan.

b. Between Army and Air Corps. Agreements between Army and Air Corps are included in Annex #14, ANVIL Outline Plan.

18. LIAISON.

a. Beach Groups will exchange liaison officers with Sub-Task Forces as required.

b. Army will provide Beach Groups with G-1 officers to handle replacements and with liaison officers as required.

c. Base Section will provide supply officers and enlisted clerks to Beach Groups to coordinate dump operations.

19. SECURITY AND DEFENSE.

a. Beach Groups will provide for local ground security of the beach maintenance areas and minor ports against small scale attack from land, sea or air. Sub-Task Forces must render whatever assistance may be necessary against large scale attacks.

b. Beach Group Commanders will coordinate the antiaircraft defense of beach maintenance areas with the AAA Group Commander on the respective beaches.

c. Beach Group Commanders will be responsible for carrying out the smoke plan for beach defense in conjunction with the Navy and Air Corps. Chemical Decontamination troops will be attached to Beach Groups for this purpose.

20. BEACH MARKINGS.

a. The system of beach markings to be used by Beach Groups will be that as published by the I.T.C.

b. Beach Groups will make and post unnumbered panels for pontoon causeways and will furnish to the Navy two white and two blue steady lights with shields for each causeway.

21. SPECIAL PROCEDURES.

a. The following special procedures will be followed by all Beach Groups:

(1) Shore Regiments will draw, against established credits in Engineer Depots, 30 carbon dioxide and 100 - 4 $\frac{1}{2}$  gallon, water-pump type fire extinguishers. These will be carried to the far shore in organization vehicles or DUKWs and distributed throughout the beach dumps at the earliest possible time. Water type will be filled with sea water.

(2) DUKWs may be required to preload 105mm howitzers and as initial howitzer prime movers and as ammunition trucks. These DUKWs with drivers will be provided by the respective Beach Groups. These DUKWs and drivers will immediately return to the beach area when replaced by normal artillery transportation.

(3) Each Beach Group will draw 130 cargo nets against established credits in Transportation Corps dumps, and will transport them to the far shore in DUKWs. Slings for vehicle unloading and additional cargo nets will be loaded on M/T Store Ships. A total of 6000 cargo nets will be available for the operation. Upon completion of unloading all cargo handling gear not ship's complement will be removed from the ships, transported to shore and placed in separate dumps.

(SECTION III - ORGANIZATION, TASKS & MISSIONS, BEACH GROUP - SPECIAL PROCEDURES (21)  
CONT'D)

- (4) DUKWS which cannot be assault loaded will be top-loaded on M/T Store Ships. Drivers will accompany each DUKW. Plans must include definite instructions for unloading and rendezvous of these DUKWs when required for supply unloading.
- (5) Approximately 20 tons of pierced steel plank per Beach Group will be loaded with Engineer stores on the first convoy and upon unloading will be available for beach road improvement. Additional plank will arrive on subsequent convoys.
- (6) Whenever possible general cargo in LCTs will remain netted and be unloaded by crane to trucks at the shoreline.
- (7) Flatted cargo on M/T Store Ships will not be unloaded except by direction of Army G-4, through Beach Control Group.
- (8) A central map depot will be established by corps. It is not anticipated that there will be any maps issued from beach dumps. The Engineer Depot Platoon will segregate all maps and they will be picked up by the Map Depot Detachment. It is particularly important that all maps landed over beaches reach the beach dumps at the earliest possible moment. Beach Group Commanders will be responsible to see that this is effected.
- (9) Arm bands will be available for issue to Beach Group personnel actually working on the beaches.
- (10) 130 roller conveyors will be available to each shore regiment.
- (11) Upon arrival of ships off beaches the Beach Group Commander will arrange to have a manifest picked up from the ship.

SECTION IV - REPORTS

1. The Beach Control Group will render the following daily reports to Army G-1, G-3 and G-4 for the preceding 24 hour period for all beach operations.

- a. Ship unloading and status.
- b. Personnel and vehicles by units unloaded.
- c. Casualty and P/W evacuation.
- d. Beach Dump receipt, issue and level.
- e. Report of administrative interest.

2. The Beach Groups will submit the following daily reports to the Beach Control Group for the preceding 24 hour period for beaches under their control.

- a. Ship unloading and status.
- b. Personnel and vehicles by units unloaded.
- c. Casualty and P/W evacuation.
- d. Beach Dump receipt, issue and level by service & class.
- e. Report of administrative interest.

3. The Beach Groups will submit the following weekly status of supply reports.

- a. Engineer.
- b. Quartermaster.

~~4. Forms and instructions for detailed reports required are~~

~~TOP SECRET~~

BIGOT ANVIL

Copy No 118

HEADQUARTERS SEVENTH ARMY  
APO 758

Ref No X-1400

4 August 1944

SUBJECT: Amendment to Annex No. 9 to Field Order No. 1, "ANVIL".

TO : See Distribution.

1. The following Amendments are made to Annex No. 9, Ref. No. X-1300, to Field Order No. 1, "ANVIL", Ref. No. X-1317, dated 28 July 1944.

a. Change Section III, paragraph 4 a (3) to read, "Land and pass the 1st French Infantry Division (DMI) over Beach 259 on or about D + 1".

b. Change Section III, paragraph 4 b (3) to read, "Land and pass the 2nd Combat Command, 1st Fr Armored Division over the North end of Beach 262, and the 3rd French Infantry Division (DIA) over the south end of Beach 262 on or about D + 1".

By Command of Major General PATCH:

ARTHUR A. WHITE,  
Brigadier General, GSC,  
Chief of Staff.

OFFICIAL:

*John S. Guthrie*  
JOHN S. GUTHRIE,  
Colonel, GSC,  
A. C. of S., G-3.

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BY AUTHORITY OF THE SECRETARY OF WAR  
BY PERRY O BULLIS, 1ST LT, AGC  
DATE 10 Apr 64 CITE WD AGAD 7C36

~~TOP SECRET~~



Copy No 115

~~TOP SECRET~~

BIGOT ANVIL

Ref No X-1343

HEADQUARTERS SEVENTH ARMY  
APO 758

ANNEX NO. 10  
to FO No. 1, "ANVIL".

31 July 1944

CHEMICAL PLAN

1. Chemical units previously attached to sub-task forces will be employed as directed by sub-task force commanders. Chemical Mortar Battalions or detachments thereof will be in direct support of attacking Infantry, providing 4.2 inch Chemical Mortar HE and WP fire. Chemical Decontaminating Companies or detachments thereof will be available for third and fourth echelon decontamination, and in addition, will be equipped to furnish smoke protection to beaches and/or small port installations.

2. Reserves, not sub-attached, to be employed as directed by the Commanding General, Seventh Army.

- a. 11 Chemical Mortar Battalion (Mtz). (To be designated later).
- b. Headquarters 22nd Chemical Smoke Generator Battalion.
- c. 69th Chemical Smoke Generator Company.
- d. 78th Chemical Smoke Generator Company.

3. Use of smoke for protection of beaches and small ports.

a. The decision to make smoke on beaches and in small ports will be made by the Beach Group Commander concerned in cooperation with the Navy Beachmaster. Orders to make smoke on beaches and in small ports will be issued by the Beach Group Commander concerned.

4. Use of chemical agents.

a. No toxic chemical munitions will be employed by this Force except by command of the Commanding General, Seventh Army.

b. Any use of toxic chemical agents by the enemy will be reported immediately to Headquarters, Seventh Army, by quickest possible means.

By Command of MAJOR GENERAL PATCH:

A. A. WHITE  
Brigadier General, GSC  
Chief of Staff

OFFICIAL:

*John S. Guthrie*  
JOHN S. GUTHRIE  
Colonel, GSC  
A. C. of S., G-3

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HEADQUARTERS SEVENTH ARMY  
 APO 758 US ARMY

AAW/JH/hr

29 July 1944

ANNEX NO. 11

TO F.O. NO. 1 ANVIL

FIELD ARTILLERY ANNEX

MAPS: GSCS 2738, FRANCE, 1/250,000, Sheets 37, 38, 42, and 43.

1. Intelligence. See Annex 2 (Intelligence).
2. The artillery with the Army supports the operation.
3. a. INITIAL ALLOCATION OF ARTILLERY:

(1) Attached to VI Corps:

(a) U.S. units.

2nd FA Observation Bn  
 Hq & Hq Battery 6th FA Group  
 Hq & Hq Battery 17th FA Group  
 Hq & Hq Battery 35th FA Group  
 Hq & Hq Battery 36th FA Group  
 Hq & Hq Battery 405th FA Group  
 59th Armored FA Bn  
 69th Armored FA Bn  
 93rd Armored FA Bn  
 935th FA Bn (4.5" Gun)  
 17th FA Bn (155mm Howitzer)  
 141st FA Bn (155mm Howitzer)  
 634th FA Bn (155mm Howitzer)  
 933rd FA Bn (155mm Howitzer)  
 937th FA Bn (155mm Howitzer)  
 938th FA Bn (155mm Howitzer)  
 36th FA Bn (155mm Gun)  
 976th FA Bn (155mm Gun)  
 977th FA Bn (155mm Gun)  
 194th FA Bn (8" Howitzer)  
 Detachments of 575th FA Bn:

Naval Shore Fire Control Parties:

Parties #5, 6, 7, 8, and 9 to 3rd Inf Div.  
 Parties #14, 15, 16, 17, and 18 to 36th Inf Div.  
 Parties #23, 24, 25, 26, and 27 to 45th Inf Div.

Radio Operators for Naval Liaison Officers:

Team #1 to VI Corps Artillery  
 Team #2 to 3rd Inf Div  
 Team #3 to 36th Inf Div  
 Team #4 to 45th Inf Div

601st Tank Destroyer Bn (SP) (to 3rd Inf Div)  
 636th Tank Destroyer Bn (SP) (to 36th Inf Div)  
 645th Tank Destroyer Bn (SP) (to 45th Inf Div)  
 776th Tank Destroyer Bn (SP)

(b) French Unit:

Detachment 9e Regiment de Chasseurs d'Afrique  
 (for Combat Command of 1e DB)

(2) Attached to Armee "B":

(a) U. S. units:

Hq & Hq Battery 13th FA Brigade  
 1st FA Observation Bn

Annex No. 11 to F.O. No. 1 ANVIL, Hq Seventh Army, Fld Arty Annex, 29 July 44.

Hq & Hq Battery 194th FA Group  
Hq & Hq Battery 421st FA Group  
601st FA Bn (75mm Howitzer, Pack)  
939th FA Bn (4.5" Gun)  
630th FA Bn (8" Howitzer)  
995th FA Bn (8" Howitzer)  
Detachment 575th FA Bn:

Radio personnel (to 13th FA Brigade)

(b) French Units:

101e Groupe d'Observation  
102e Groupe d'Observation  
Etat-Major du Groupement d'Artillerie #1  
Etat-Major du Groupement d'Artillerie #2  
Etat-Major du Groupement d'Artillerie #3  
Etat-Major du Groupement d'Artillerie #4  
Etat-Major du Groupement d'Artillerie #5  
1e Groupe du 64e Regiment d'Artillerie (105mm Howitzer)  
2e Groupe du 64e Regiment d'Artillerie (105mm Howitzer)  
3e Groupe du 64e Regiment d'Artillerie (105mm Howitzer)  
1e Groupe du 65e Regiment d'Artillerie (155mm Howitzer)  
2e Groupe du 65e Regiment d'Artillerie (155mm Gun)  
3e Groupe du 65e Regiment d'Artillerie (155mm Howitzer)  
1e Groupe du 66e Regiment d'Artillerie (155mm Howitzer)  
2e Groupe du 66e Regiment d'Artillerie (155mm Gun)  
3e Groupe du 66e Regiment d'Artillerie (155mm Howitzer)  
1e Groupe du Regiment d'Artillerie Coloniale du Levant  
(155mm Gun)  
2e Groupe du Regiment d'Artillerie Coloniale du Levant  
(155mm Gun)  
3e Groupe du Regiment d'Artillerie Coloniale du Levant  
(155mm Gun)  
4e Groupe du Regiment d'Artillerie Coloniale du Levant  
(155mm Gun)  
1e Groupe du Regiment d'Artillerie Coloniale de l'Afrique  
Occidentale Francaise (155mm Howitzer)  
2e Groupe du Regiment d'Artillerie Coloniale de l'Afrique  
Occidentale Francaise (155mm Howitzer)  
3e Groupe du Regiment d'Artillerie Coloniale de l'Afrique  
Occidentale Francaise (155mm Howitzer)  
7e Regiment de Chasseurs d'Afrique (to 1e DMI)  
8e Regiment de Chasseurs d'Afrique (to 3e DIA)  
9e Regiment de Chasseurs d'Afrique (less detachment)  
(to 1e DB)  
11e Regiment de Chasseurs d'Afrique (to 5e DB)  
Regiment Coloniale de Chasseurs de Chars (to 9e DIC)  
2e Dragons (to 2e DIM)

(c) British units:

9 Forward Observer Parties.

(3) Attached to 1st Airborne Task Force:

(a) U. S. units:

460th Parachute FA Bn (75mm Howitzer)  
463rd Parachute FA Bn (75mm Howitzer)  
602nd FA Bn (75mm Howitzer, Pack) (Temporary Glider Bn)

(b) British units:

2 Forward Observer Parties.

Annex No. 11 to F.O. No. 1 ANVIL, Hq Seventh Army, Fld Arty Annex, 29 July 44.

(4) Attached to 1st Special Service Force:

Detachment 575th FA Bn:

Naval Shore Fire Control Parties #28, #29, #30.

(5) Attached to French Groupe de Commandos:

2 British Forward Observer Parties.

(6) Retained under Army control:

932nd FA Bn (8" Howitzer)

697th FA Bn (240mm Howitzer) (plus 2 sections 575th FA Bn (8" Gun))

698th FA Bn (240mm Howitzer) (plus 2 sections 575th FA Bn (8" Gun))

575th FA Bn (less Btry C) (8" Gun) (less detachments)

4th Depot Unit, Army (AAF)

b. Artillery with the VI Corps.

(1) Support VI Corps.

(2) Answer calls for fire from 1st A/B Task Force until VI Corps assumes control of that Force.

(3) Be prepared to support the II French Corps during the relief of the 3rd Division by that Corps.

(4) Be prepared to continue the support of the II French Corps with 2 battalions of Corps Artillery on order from the Army Commander.

(5) Report the location of safety limits for artillery fire to the Division Artillery Commander, 1st A/B Task Force, every two hours after H hour. This report must be brief, giving six-place coordinates of points defining a general line beyond which fire from A/B artillery may endanger troops of the VI Corps. Negative report is required.

c. Artillery with II French Corps.

(1) Support II French Corps.

d. Artillery with 1st A/B Task Force.

(1) Report the location of safety limits for Artillery fire to the Division Artillery Commander, 45th Infantry Division, every two hours after H hour. This report must be brief, giving six-place coordinates of points on a general line inclosing an area within which artillery fire may endanger friendly troops. Negative report is required.

(2) A/B Artillery will not fire beyond safety limits prescribed by VI Corps. Emergency targets beyond that line will be reported to Division Artillery Commander, 45th Infantry Division.

- x. (1) (a) Naval Gunfire Support will be in accordance with Gunfire Support Plan, Annex B to Operations Plan 4-44, Naval Commander W.T.F. (extract attached as Annex 12 to F.O. 1).
- (b) When any commander no longer needs naval gunfire support (or has advanced out of naval gun range), he will promptly notify the next higher headquarters, so that efficient redistribution of fire support ships may be accomplished.
- (c) VI Corps be prepared to release those Naval Shore Fire Control Parties not composed of organic division personnel on Army order.

Annex No. 11 to F.O. No. 1 ANVIL, Hq Seventh Army, Fld Arty Annex, 29 July 44.

- (2) No fire will be delivered within safety limits prescribed by separate task force commanders except on call from the observers of the force concerned or on positively identified, observed enemy installations which threaten or hinder the advance. Initial safety limits are given as "No Fire Lines" on attached overlays (Incls 1 & 2 to Annex 11)
- (3) (a) Yellow smoke shell will not be used by artillery.
- (b) Red smoke shell will not be used for marking targets for bombing missions.
- (c) Toxic chemical shells will not be used.
- (4) (a) Supply of ammunition for all type weapons is critical. Allocations of ammunition will be made by this headquarters for 15-day periods until this situation is relieved. (See Par 3 b, Opns Memo No. 5)
- (b) 155mm Howitzer, M1 and M1918: A supply of projectiles HE M102 with white bag propelling charge will be landed over each beach for use with the M1 howitzers. As soon as it becomes available, ammunition refills will be made from this type ammunition until 30% of basic load has been reached. This percentage will be maintained thereafter.
- (5) (a) Photo reconnaissance. See Annex No. 2 (Intelligence)
- (b) Corps and Division Artillery Commanders will submit daily requests, through G-2 channels, to Ass't Chief of Staff, G-2, Army, for Tac R missions and for observation by fighter aircraft of artillery fires. Requests will be submitted by 1900 on the day prior to the day on which the mission is to be flown. Army Artillery Officer will be informed, through artillery channels, of artillery missions requested. Emergency missions may be requested at any time, following the above procedure.
- (c) Corps Arty Commanders will be notified by the Army Arty Officer the number of missions allotted for observation of artillery fires by fighter aircraft and the A.C. Sqdn. which will perform these missions. Details of communications and briefing will be arranged directly between the A.C. Sqdn. and the Corps Artillery.
- (d) Air O.P. observation within Divisions and their attached Field Artillery units will be coordinated by the Division Artillery Air Officers during the initial phase of the assault. When the attached battalions revert to Corps Artillery control the Corps Artillery Air Officer will coordinate Air O.P. observation of these battalions through the Group Air Officers. The Division Artillery Air Officers will continue the coordination of Air O.P. observation within their Divisions.
- (6) (a) For distribution of maps and mosaics, see Annex No. 8, Engineer, and Annex No. 2, Intelligence.  
An annotated, uncontrolled Beach Mosaic, 1/10,000, will be distributed to assault artillery units.  
An uncontrolled mosaic, 1/25,000, will be distributed to all artillery units.  
Distribution of air photos will be by Corps, through PRU agencies.
- (b) (1) All artillery survey will be based on the "old" Triangulation of France, "Trig Lists" for which will be distributed initially to FA Observation Battalions and Division Artillery Hq.

Annex No. 11 to F.O. No. 1 ANVIL, Hq Seventh Army, Fld Arty Annex, 29 July 44.

- (2) When operating with maps containing both the LAMBERT ZONE II (red) and the NORTH ITALY ZONE (brown) grids, either grid may be extended into the zone of the other by connecting the ticks on the border of the map, and coordinates read from the desired grid. However, when a point is designated to other than the originating unit, the coordinates will be read from the printed grid and not from an extended grid.
- (7) Meteorological Information: Field Artillery Observation Battalions will send metro messages to Div Arty Headquarters and Corps Arty Battalions. An A.C. mobile weather unit will be ashore by D / 3 or D / 4 and will broadcast "Temperature Density Messages" on a frequency of 4145 KC. Messages from radio sonde observations taken on Corsica will be re-broadcast at 0400Z and at 1600Z. Predictions will be broadcast at 0530Z, 1130Z, 1730Z, and 2330Z. These messages will not be encoded.
- (8) When not needed in their primary role, Tank Destroyers may be used in their secondary roles; as artillery to reinforce the fires of the organic artillery, or as assault artillery to furnish direct fire support for the infantry.
4. a. Ammunition resupply - see Annex No. 4 to Administrative Instructions No. 1, Headquarters Force 163, dated 20 June 1944, Section III, paragraph 3 b (1). When excess level is authorized, unit commanders will be responsible for its protection and evacuation. If ammunition must be abandoned by reason of displacement, notify the ASP or Army Ammunition Office, at once, the location and amount of abandoned ammunition and whether the unit can return for it. In all possible cases resupply will be made from abandoned ammunition until stock is exhausted.
- b. Naval Shore Fire Control Parties and all other units using special equipment during the assault will be prepared to turn this equipment in promptly when called upon to do so.
5. Signal Communications.
- a. Normal radio nets - see Training Memorandum No. 1, Seventh Army.
- b. Communications between artillery units and high performance aircraft - SCR 542.
- c. A/B - seaborne artillery communications, see SOI and Signal Plan, 1st A/B Task Force.

By Command of Major General PATCH:

ARTHUR A. WHITE,  
Brigadier General, GSC,  
Chief of Staff.

OFFICIAL:

*John S. Guthrie*  
JOHN S. GUTHRIE,  
Colonel, GSC,  
A.C. of S., G-3.

2 INCLOSURES:

- #1 - No Fire Line, ROMEO Force  
#2 - Bomb Line and No Fire Line, RUGBY Force



~~TOP SECRET~~

BIGOT-ANVIL



LEGEND:

Incl No. 1 to Annex 11, Field Artillery Plan

NO FIRE LINE ROMEO FORCE

Overlay Scale: 1:50,000

Map Sheets: XXXIV-45

XXXV-45

XXXIV-46

G.S.G.S. 4471

Boundaries:

West Boundary: CAVALIERE Station - 324052 - 328054 - 339073 -  
Ste. MARIE - 324106

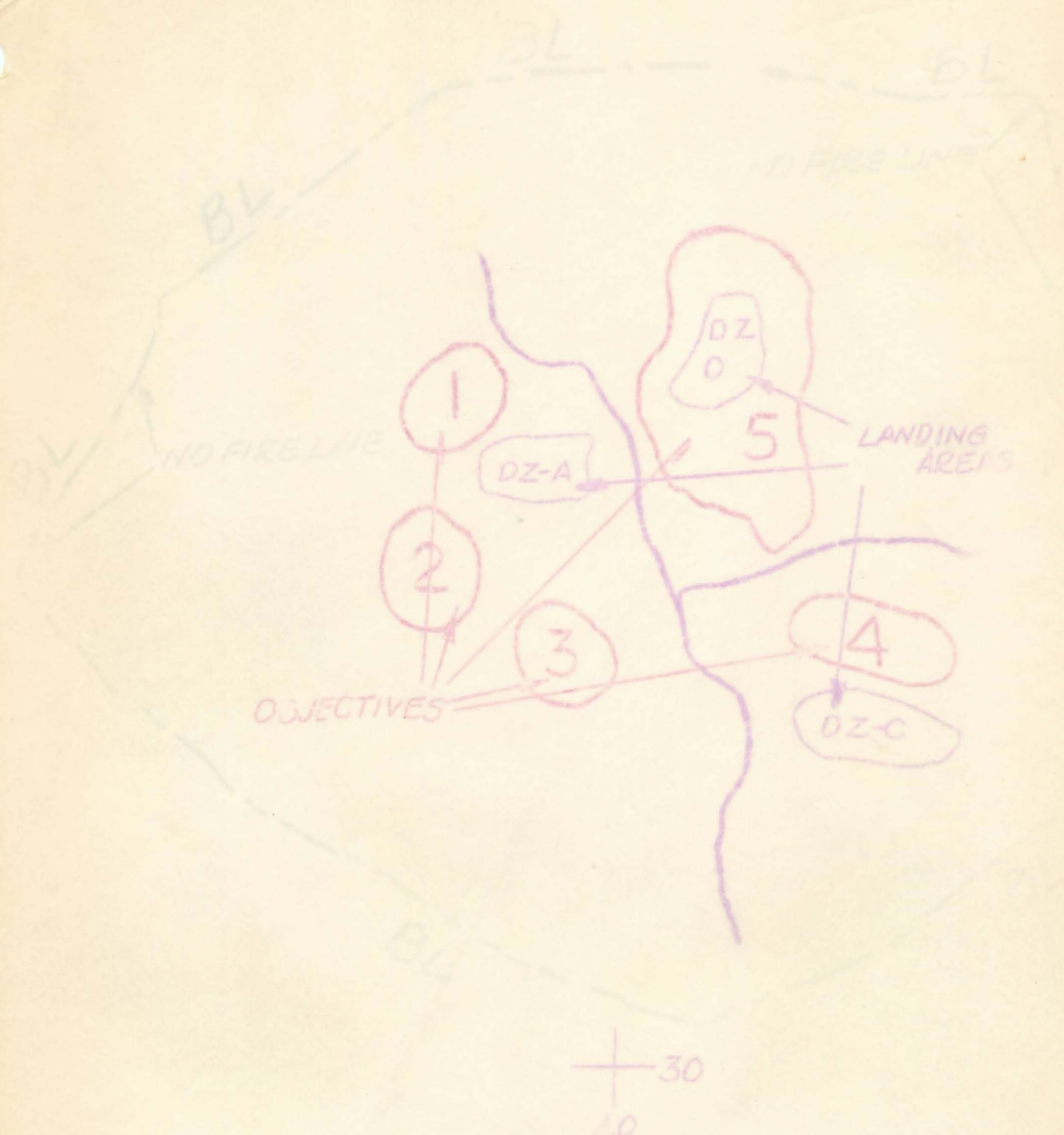
North Boundary: 1 km. North of Road BORMES-COGLIN

East Boundary: Sharp turns on road North of POINTE DE LA CHAPPE -  
hairpin bend at 385047 - MALATRA - LES PRADEIS -  
371101 (North of LA MOLE ROAD).

~~TOP SECRET~~

TOP SECRET

BIGOT-ANVIL



LEGEND:

Incl No. 2 to Annex 11, Field Artillery Plan

BOMB LINE AND NO FIRE LINE HUGBY FORCE

Overlay Scale 1:100,000

Map Sheet 15 Q  
G.S.G.S. No. 4249

Boundary: Hill (477463)  
Crossroad Southwest of TERRISSOLIE (380467)  
Crossroad Southwest of DRACUIGNAN (304427)  
Powerline Crossing at FLORIEY RIVER (295385)  
Hill (428295)  
Road Junction Southeast of ROQUEFONE-SUR-ARGENS (491360)

SECURITY CLASSIFICATION CANCELED  
BY AUTHORITY OF THE SECRETARY OF WAR  
BY PERRY O BULLIS, 1ST LTY AND 102  
DATE 100447 CITE WD AGO 70 36

TOP SECRET

Ref. No. X-1395

Copy No. 14HEADQUARTERS SEVENTH ARMY  
APO 758ANNEX NO. 13  
TO FIELD ORDER #1 "ANVIL"

3 August 1944

SPECIAL INSTRUCTIONS FOR ROMEO AND SITKA FORCES

## I. SITKA OPERATION:

- a. Troops: 1st SSF (less det's): 2,057 personnel, 2 vehicles.
- b. Shipping: 5 APD's, 1 LSI(M), 1 LSI(S).  
(40 vehicles and approximately 115 personnel to be shipped to "ANVIL" area in preloaded shipping.)
- c. Missions:  
(See Para 3c, FO #1, Seventh Army.)

## II. ROMEO OPERATION:

- a. Troops: French Groupe de Commandos: Approx. 1,000 personnel, 8 vehicles.
- b. Shipping: 2 LSI(M)s, 1 LSI(S).  
(45 vehicles and 71 personnel to be shipped to "ANVIL" area in preloaded Army shipping.)
- c. Missions:  
(See Para 3d, FO #1, Seventh Army.)

## III. GARRISON FORCES FOR THE ISLANDS:

- a. Army "B" will provide the following forces to garrison the islands after their capture: (all from the 18th Regt. de Tirailleurs Senegalais)  
One infantry company (reduced strength) for LEVANT  
One infantry company (reduced strength) for PORT CROS  
Two infantry companies (reduced strength) to be prepared to garrison the Island of PORQUEROLLES.  
In addition 60 French Naval Personnel will accompany garrison forces.  
Total strength of garrison forces not to exceed 500 personnel, including French Naval detachment.
- b. Garrison force will be prepared to embark from CORSICA to the assault area on D + 1.
- c. The commander of the garrison force will establish liaison with Seventh Army Near Shore Control section in CORSICA in order to coordinate shipment from CORSICA to the assault area.

## IV. AIR AND NAVAL SUPPORT:

- a. Air Support for both operations will be coordinated through this headquarters.
- b. Naval support will be coordinated with Rear Admiral DAVIDSON, commanding the Naval Attack Force supporting these operations. A Naval Shore Fire Control Party will accompany each force.

## V. SUPPLY AND EVACUATION:

- a. See Admin Order #1.
- b. The garrison force from CORSICA will transport with them seven days' supply of rations, water, medical supplies, and one unit of fire for all weapons.

## VI. MOVEMENT OF 1ST SSF TO THE MAINLAND:

1st SSF to be prepared to embark in craft and land on the mainland in the vicinity of Beach 259 on the night of D + 1 / D + 2. Exact time

SECURITY CLASSIFICATION: CONFIDENTIAL  
BY AUTHORITY OF THE SECRETARY OF WAR  
BY PERRY O BULLIS, 1ST LT, AGD  
DATE 10 Apr 47 CITE AGO AGO 7C 36

145  
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~~TOP SECRET~~

BIGOT - ANVIL

II. COMMAND CHANNELS:

- a. The Naval Attack Force commander supporting the operations will command all forces afloat until they are firmly established ashore.
- b. Seventh Army will furnish an officer to accompany the Naval Attack Force Commander to represent the Commanding General during these operations.
- c. ROMEO Force will pass to the control of the VI (US) Corps at H hour, "ANVIL".

By Command of Major General PATCH:

A. A. WHITE,  
Brigadier General, GSC,  
Chief of Staff.

OFFICIAL:

*John S. Guthrie*

JOHN S. GUTHRIE <sup>(P)</sup>  
Colonel, GSC,  
A. C. of S., G-3.